



Avalue - Core for

EDGE COMPUTING

安勤 - 边缘计算核心



- ▶ 医疗
- ▶ 零售
- ▶ 交通
- ▶ 工业4.0
- ▶ 数字标牌
- ▶ 通讯
- ▶ 监控
- ▶ 自动化
- ▶ 车载
- ▶ 游戏

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关于我们

安勤科技成立于2000年，并于TPEx上柜挂牌，专注提供工业与嵌入式解决方案。公司总部位于中国台湾台北，在美国、日本及中国大陆设有分支机构，致力于为持续发展的工业市场提供创新、优质且长生命周期的产品，满足其不断变化的需求。

安勤科技致力于开发x86与RISC架构，产品线涵盖嵌入式主板、工业计算系统、平板电脑、模块化计算机以及物联网/人工智能解决方案。凭借强大的ODM/EMS能力，拥有ISO认证的生产设施，可为客户提供从板级设计到系统集成的全流程定制服务。

凭借专业研发实力与全球服务网络，安勤科技助力医疗、零售、交通、制造、能源及游戏等行业客户。我们始终聚焦产品的可靠性、设计的灵活性与长期的技术支持，致力于成为客户构建未来智能系统的可信赖合作伙伴。



我们的使命

我们提供

通过向客户提供全系列产品和ODM服务，
为不同市场提供解决方案...

我们的愿景

我们打造

面向嵌入式产品行业提供专业的设计和
生产服务，以打造国际化企业。



项目管理

PLM/EOL/ECR 管理
修订控制



零件工程

降低组件成本
缩短交付周期



工业标准认证

ISO-9000/14000/13485
UL/TS-16949



全球物流支持

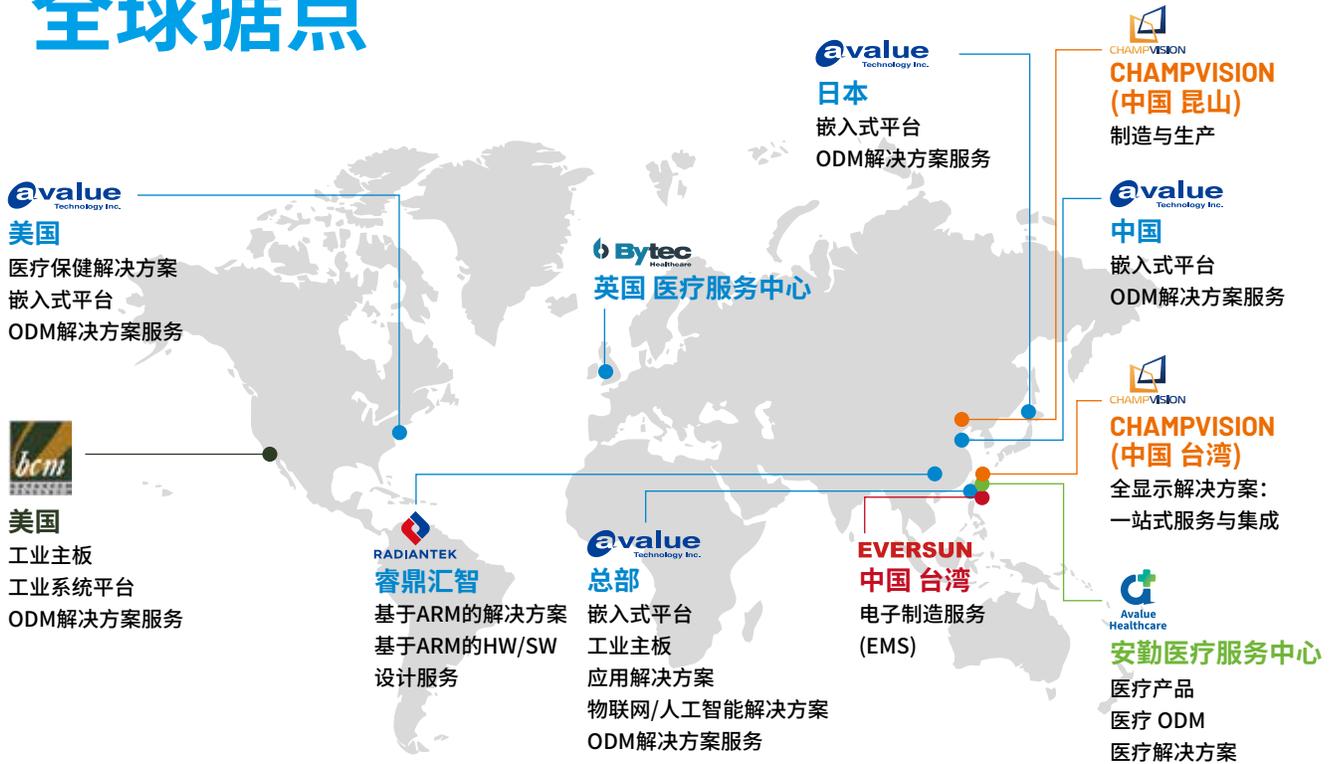
供应链
库存
仓储
物料搬运



专业DMS

ODM和EMS整合
设计制造服务

全球据点



2006

与安勤合并运营，整合工程资源并汇聚采购力量，打造工业主板和系统提供商，同时维持双品牌战略



2013

安勤投资昶亨以拓展完整的电子制造服务 (EMS)



2014

提供便于患者使用的移动平台，方便其随时访问设备和临床信息



2024

提供医疗/医疗保健产品及解决方案



2025

提供标准与定制化的显示、触控及贴合解决方案



2025

提供基于 ARM 的产品、解决方案与 HW/SW 设计服务



医疗

零售

工业自动化

交通

能源

释放私有生成式AI 强大潜能

中小企业挑战：驾驭数字化浪潮

面临人力短缺与转型压力？
公有云AI虽快，数据安全代价几何？

公有云AI



公共数据与网络

风险： 机密数据泄露与
知识产权失窃。

安勤本地部署解决方案



机密数据存于本地服务器

优势： 完整数据掌控、超低
延迟响应、可定制化流程。

核心战略：RAG技术 (检索增强生成)

赋能策略：将您的数据转化为精准AI洞察

告别通用网络数据。安勤解决方案运用检索增强生成技术，
将强大语言模型与个人知识库深度融合，生成精准且深谙语境的响应。

个人数据
(Docs, Wikis)

安全检索机制

本地化部署
大语言模型

精准安全
响应输出

安全可靠·本地部署 即装即用

核心引擎：安勤AI服务器解决方案

直立式工作站
(GAI-ERSR)



强大硬件配置



采用英特尔®第五代至强™
可扩展处理器



支持多达4张NVIDIA RTX™
Ada架构GPU



灵活扩展能力：可运行13B至
192B参数的大语言模型



配备带锁前面板的安全机箱

无缝软件集成 (vLLM)



零软件投资：基于强大开源
工具构建



无需AI专家：简易设置与部署



直观的类ChatGPT交互界面

实际成效：已验证的效率提升



人力资源部门

减少83%

常规查询耗时



项目管理部门

50% 提速

沟通响应周期



法律事务部门

最高节省600%

文件起草时间

工业加固型平板 解决方案



ARC 系列
10.1" ~ 21.5"
加固型平板电脑，
前面板防护等级为IP65，
后面板防护等级为IP41

第十三代

英特尔Raptor Lake PS LGA
处理器，最高10核，主频
5.2GHz

最新英特尔® 凌动平台

Alder Lake-N/ Amston Lake/
Twin Lake 处理器

模块化无线扩展

多种IET模块用于
无缆I/O扩展

无缝网络通信

多种2.5G以太网和Wi-Fi 6、
蓝牙、5G集成

ARC 系列 坚固耐用的 全平IP65显示器



安勤的 ARC 系列显示器专为恶劣环境设计，产品具备了卓越的耐用性和多功能性，可提供从10.1英寸到21.5英寸的多种屏幕尺寸。这些工业级显示器通过了IP65认证，能够有效防尘防水，确保在严苛环境下的可靠运行。其坚固的结构使其成为高要求应用场景的理想选择。

显示器配备双5W扬声器和OSD控制功能，增强了使用体验。此外，ARC 系列支持灵活的安装选项，包括 VESA 和面板安装，便于在不同场景中使用。定制化功能包括宽电压输入选项和特殊的屏幕涂层，提供防眩光、防反射以及紫外线/红外线保护。

ARC系列显示器适用于多种应用场景，如制造设施、交互式信息亭和电动汽车充电站，能够确保在高要求环境下的可靠性能。

超强防水平板 解决方案

M12 连接器

所有 I/O 接口均配备防水
IP67 级连接器

IP65/66/69K

全尺寸六面 IP65/66/69K
防护等级适用于整个系统

自动平衡内部压力

防止灰尘和水进入，
并实现压力平衡

易于清洁

光滑且有光泽的表面，
具有防粘性

SPC系列 全IP65/66/69K 防护等级不锈钢 平板电脑

OFM 系列

7" ~ 37" 开放式多点触控显示屏

安勤OFM系列开放式框架显示屏，以纤薄模块化设计实现多元工业级性能，专为OEM集成优化而打造。该系列产品支持24/7不间断运行，可选配高亮度面板，具备宽广视角与多信号接口，确保无缝系统兼容。其坚固结构配合灵活安装方案，可稳定部署于自助终端、自动化系统、零售设备及医疗仪器等场景。OFM系列在严苛环境中仍能保障长效稳定运行，同时为系统集成提供卓越的视觉清晰度与设计弹性。

智慧医疗解决方案



MAB 系列 医用级人工智能计算机

12/13/14th & Series 2 Generation

英特尔® 酷睿™ i9/i7/i5/i3 处理器，
支持 LGA1700 CPU，最高能效125W

人工智能

支持Nvidia PCIe x16显卡
用于人工智能应用

可定制化与扩展性

前面板可定制化，
提供4个全尺寸扩展槽

医疗级认证

特定型号获得UL60601-1
医疗认证





HID 系列 医疗级平板电脑

英特尔® 酷睿™ Ultra处理器

英特尔Arrow Lake U 处理器，
搭载能效优化AI技术

医疗级认证

UL60601-1医疗认证
与抗菌涂层

纤薄机身与扩展设计

PCIe x4扩展槽与IET插槽，
兼顾时尚纤薄

数据与访问安全

TPM与NFC/RFID模块提供最高
级别的安全性和控制



面向智能边缘AI应用的 新一代ARM平台

定制化形态规格、垂直领域SDK、人工智能硬件

跨平台ARM解决方案

Rockchip, NXP, Qualcomm,
MediaTek 与 Nvidia

人工智能硬件 配置方案

原生AI引擎、AI加速模块(Hailo/
Kinara)、NVIDIA Jetson平台

多样化ARM架构形态 与定制化交钥匙集成

SMARC、开放式标准模块、单板
计算机、箱式工控机及面板型电脑

严苛环境工业级 可靠性

宽温运行、长效寿命、
24/7全天候持续工作



工控机系列(AIB)

为机器视觉与机器人
打造的AI边缘工控机



模块化计算机系列 (SMARC/开放式标准模块)

为垂直领域边缘计算
设计的紧凑型模块



平板电脑系列(APC)

适用于零售、工厂及医疗的
人机界面/机器视觉/终端设备

AI 赋能物联网:六大核心应用领域



智能零售



智能工厂



智慧医疗



智慧城市



智能交通



智能家居

操作系统支持列表(Windows / Linux)

Vendor	Platform	Series	Windows 10	Windows 11	Windows Server 2016	Windows Server 2019	Windows Server 2022	Windows Server 2025	Linux Kernel Version (or newer)	Ubuntu LTS (or newer)
AMD		EPYC 8004 Series		V		V	V	V	Kernel 6.5	22.04.3 LTS
Intel	Mobile/ Desktop	Bay Trail	V		V	V	V		Kernel 3.11	14.04 LTS
		Skylake	V		V	V	V		Kernel 4.4	16.04 LTS
		Apollo Lake	V						Kernel 4.8	16.04.3 LTS
		Kaby Lake	V		V	V	V		Kernel 4.10	16.04.3 LTS
		Coffee Lake	V	V	V	V	V		Kernel 4.13	16.04.5 LTS
		Whiskey Lake	V	V	V	V	V		Kernel 4.18	18.04.5 LTS
		Comet Lake	V	V		V	V		Kernel 5.3	20.04 LTS
		Tiger Lake	V	V		V	V		Kernel 5.8	20.04.2 LTS
		Elkhart Lake	V	V					Kernel 5.10	20.04.5 LTS
		Alder Lake	V	V		V	V		Kernel 5.18	22.04.2 LTS
		Alder Lake-N (Amston Lake)	V	V		V	V		Kernel 5.18	22.04.2 LTS
		Raptor Lake	V	V		V	V		Kernel 5.18	22.04.2 LTS
		Meteor Lake	V	V					Kernel 6.2	22.04.3 LTS
		Arrow Lake-S	V	V					Kernel 6.8	24.04 LTS
	Twin Lake	V	V					Kernel 6.13	24.04.3 LTS	
	Server	Skylake-SP	V	V		V	V		Kernel 4.10	16.04.3 LTS
	Cascade Lake	V	V		V	V	V		Kernel 4.18	18.04.5 LTS
	Sapphire Rapids		V		V	V	V		Kernel 5.19	22.04.2 LTS
Emerald Rapids				V	V	V		Kernel 6.2	22.04.3 LTS	
Granite Rapids				V	V	V		Kernel 6.13	24.04.3 LTS	



安勤的工业及嵌入式主板系列提供了广泛的尺寸规格。包括3.5英寸单板计算机、Pico-ITX、Thin Mini-ITX、Mini-ITX、Micro ATX、ATX以及基于ARM的嵌入式主板，旨在满足多样化的工业和嵌入式计算需求。

工业及嵌入式主板

1.8" SBC主板	15	Micro-ATX主板	24
EPIC主板	15	ATX主板	25
2.5" SBC Pico-ITX主板	16	基于ARM的SBC主板	26
3.5" SBC主板	17	CPU列表	28
Mini-ITX主板	21	嵌入式外围设备	44

1.8" SBC主板

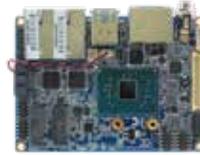
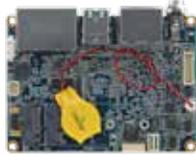
EPIC主板



产品型号	EZX-EHLP
处理器	Intel® Pentium®/ Celeron®/ Atom™ Series Processor
系统芯片	N/A
系统内存	Single Channel LPDDR4 4GB Memory Down (8GB for BOM Option)
扩展	1 x M.2 B-Key (2242/3042) 1 x Micro SIM to SIM Adapter by option
显示	Intel® UHD Graphics for 10th Gen Intel® Processor 1 x Mini DP, 1 x eDP Supports Dual Display
分辨率	Mini DP++: 4096 x 2160 @ 60Hz eDP 1.3: 4096 x 2160 @ 60Hz
音频	N/A
以太网	1 x Intel® I210AT/IT
USB/ SATA/ 串口/ 网口	6/ 0/ 1/ 1
电源信息	+12V
电源模式	AT/ ATX
工作温度	0°C ~ 60°C (32°F ~ 140°F) -20°C ~ 60°C (-4°F ~ 140°F) for Wide Temperature CPU SKU
尺寸(长 x 宽)	3.31" x 2.55" (84 x 65 mm)
重量	0.66 lbs (0.3 kg)

产品型号	EPI-ARLS
处理器	Intel® LGA1851 Socket Supports Intel® Core™ Ultra Processor, Supports TDP Up to 35W
系统芯片	Intel® Q870/H810
系统内存	1 x 262-pin DDR5 5600/6400MHz SO-DIMM Supports Up to 48GB (6400MHz for Ultra 7, Ultra 9 CPU)
看门狗计时器	H/W Reset, 5 sec. ~ 255 sec / 5 sec. ~ 255 min.
扩展	1 x M.2 E-Key (2230) 1 x M.2 M-Key (2280) 1 x M.2 M-Key (2242)(For Q870 Only)
存储	1 x M.2 M-Key (2280) 1 x M.2 M-Key (2242)(For Q870 Only)
I/O	4 x USB 3.2 Gen2 at I/O for Q870 (2 x USB 3.2 Gen2, 2 x USB 3.2 Gen1 at I/O for H810) 2 x RS-232, 2 x RS-232/422/485 1 x 16bit GPIO 1 x SPI, 1 x e-SPI
显示芯片组	Intel® Xe LPG Graphics Architecture CPU Integrated 1 x DP, 1 x HDMI, 1 x LVDS/ eDP Supports Triple Display
分辨率	DP 2.0: Max 7680 x 4320 @ 60Hz HDMI 2.0: 4096 x 2304 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP: 1920 x 1080 @ 60Hz 2 Lanes
音频芯片组	Realtek Audio Codec Mic-in, Line-out
以太网芯片组	1 x Intel® I226LM 2 x Intel® I226V (H810 only 1 x Intel® I226V)
电源信息	+12V
电源模式	AT/ ATX
工作温度	0°C ~ 60°C (32°F ~ 140°F)
尺寸(长 x 宽)	6.5" x 4.5" (165mm x 115mm)

2.5" SBC Pico-ITX主板



产品型号	EPX-TWLP	EPX-ASLP	EPX-EHLP	EPX-APLP
处理器	Intel® N150 & N250 Processor	Intel® N97 & Atom® Processor x7000RE Series Processor	Intel® Celeron®/ Atom™ Series Processor	Intel® Celeron® N3350 / J3455 Processor
系统芯片	N/A	N/A	N/A	N/A
系统内存	1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 16GB	1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 16GB	1 x 260-pin DDR4 2666MHz SO-DIMM Supports Up to 32GB	1 x 204-pin DDR3L 1600MHz SO-DIMM Supports Up to 8GB
扩展	1 x M.2 B-Key (2242/3042) 1 x M.2 E-Key (2230) 1 x Micro SIM to SIM Adapter by option	1 x M.2 B-Key (2242/3042) 1 x M.2 E-Key (2230) 1 x Micro SIM to SIM Adapter by option	1 x M.2 B-Key (2242/2260)	1 x M.2 B-Key (2242/2260/3042) 1 x M.2 E-Key (2230) 1 x Micro SIM to SIM Adapter by option
显示	Intel® Graphics 1 x HDMI, 1 x DP, 1 x LVDS Supports Triple Display	Intel® UHD Graphics 1 x HDMI, 1 x DP, 1 x LVDS Supports Triple Display	Intel® UHD Graphics for 10th Gen Intel® Processor 2 x DP++, 1 x LVDS Supports Triple Display	Intel® Celeron® SoC Integrated Graphics 1 x DP++, 1 x HDMI, 1 x LVDS Supports Triple Display
分辨率	HDMI 2.0b: 4096 x 2160 @ 60Hz DP 1.4a: 4096 x 2160 @ 60Hz LVDS: 366 x 768 Single Channel 18/24-bits	HDMI 2.0b: 4096 x 2160 @ 60Hz DP 1.4a: 4096 x 2160 @ 60Hz LVDS: 366 x 768 Single Channel 18/24-bits	DP++: 4096 x 2160 @ 60Hz LVDS: 1366 x 768 Single Channel 18/24-bits	HDMI 1.4b: 3840 x 2160 @ 30Hz, 2560 x 1600 @ 30Hz DP 1.2a: 4096 x 2160 @ 60Hz LVDS: 1920 x 1800 @ 60Hz Dual Channel 18/24-bits
音频	N/A	N/A	N/A	Realtek Audio Codec 2W Audio Amplifier
以太网	2 x Intel® I226V	2 x Intel® I226V/IT	2 x Intel® I226LM/IT	2 x Intel® I226LM
USB/ SATA/ 串口/ 网口	6/ 1/ 2/ 2	6/ 1/ 2/ 2	6/ 0/ 2/ 2	6/ 2/ 1/ 2
电源信息	+12V	+12V	+12V	+12V
电源模式	AT/ ATX	AT/ ATX	AT/ ATX	AT/ ATX
工作温度	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 80°C (-40°F ~ 176°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F) -20°C ~ 60°C (-4°F ~ 140°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F)
尺寸(长 x 宽)	3.94" x 2.83" (100 x 72 mm)	3.94" x 2.83" (100 x 72 mm)	3.94" x 2.83" (100 x 72 mm)	3.94" x 2.83" (100 x 72 mm)
重量	0.66 lbs (0.3 kg)	0.66 lbs (0.3 kg)	0.66 lbs (0.3 kg)	0.66 lbs (0.3 kg)

3.5" SBC主板



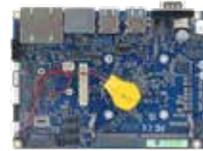
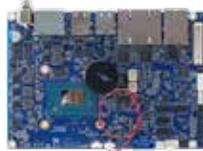
产品型号	ECM-ARL	ECM-MTL	ECM-RPL
处理器	Intel® Core™ Ultra 5 Series Processor, Supports TDP 15/28W	Intel® Core™ Ultra 5 Series Processor, Supports TDP 15/28W	13th Gen Intel® Core™ i7/i5/i3 & Pentium® Series Processor, Supports TDP 15/28W
系统芯片	N/A	N/A	N/A
系统内存	1 x 262-pin DDR5 5600MHz SO-DIMM Supports Up to 48GB	1 x 262-pin DDR5 5600MHz SO-DIMM Supports Up to 48GB	1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 32GB (Non ECC Only)
看门狗计时器	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step
扩展	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2280)	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 M-Key (2280) 1 x SATA III	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2280)
存储	1 x M.2 B-Key (3042/3052/2242) 1 x M.2 M-Key (2280) 1 x SATA III	1 x M.2 B-Key (3042/3052/2242) 1 x M.2 (2280) M-Key 1 x SATA III	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 M-Key (2280) 1 x SATA III
I/O	4 x USB 2.0, 2 x USB 3.2 Gen 2x1, 1 x USB 3.2 Gen 1x1, 1 x USB Type-C 5V x 3A DP/ USB 3.2 Gen 1, 5V x 3A 2 x RS-232, 2 x RS-232/422/485 1 x SATA III 1 x 8bit GPIO 1 x BIOS SPI, 1 x eSPI, 1 x SIM Card Slot	4 x USB 2.0, 2 x USB 3.2 Gen 2x1, 1 x USB 3.2 Gen 1x1, 1 x USB Type-C 5V x 3A DP/ USB 3.2 Gen 1, 5V x 3A 2 x RS-232, 2 x RS-232/422/485 1 x SATA III 1 x 8bit GPIO 1 x BIOS SPI, 1 x eSPI, 1 x SIM Card Slot	4 x USB 2.0, 3 x USB 3.2 Gen2, 1 x USB Type-C Supports DP/USB 3.2 Gen 1 5V x 3A 2 x RS-232/422/485 1 x 8bit GPIO 1 x e-SPI, 1 x SIM Card Slot
显示芯片组	Intel® Xe LPG Graphics 1 x HDMI, 1 x DP, 1 x LVDS/ eDP 1 x USB Type-C Supports DP Supports Four Display	Intel® Xe LPG Graphics 1 x HDMI, 1 x DP, 1 x LVDS/ eDP 1 x USB Type-C Supports DP Supports Four Display	Intel® Iris® Xe/ UHD Graphics (Dependent on CPU) 1 x HDMI, 1 x DP, 1 x LVDS/ eDP, 1 x USB Type-C Supports DP Supports Four Display
分辨率	HDMI 2.0b: 4096 x 2160 @ 60Hz DP 1.4a: 7680 x 4320 @ 60Hz LVDS: 1920 x 1080 @ 60Hz Dual Channel 18/24-bits eDP: 1920 x 1080 @ 60Hz 2 Lanes USB Type-C Supports DP: 4096 x 2160 @ 60Hz	HDMI 2.0b: 4096 x 2160 @ 60Hz DP 1.4a: 7680 x 4320 @ 60Hz LVDS: 1920 x 1080 @ 60Hz Dual Channel 18/24-bits eDP: 1920 x 1080 @ 60Hz 2 Lanes USB Type-C Supports DP: 4096 x 2160 @ 60Hz	HDMI 2.0b: 4096 x 2160 @ 60Hz DP 2.1: 7680 x 4320 @ 60Hz Max LVDS: 1920 x 1080 @ 60Hz or eDP: 1920 x 1080 @ 60Hz 2 Lanes USB Type-C Supports DP : 4096 x 2304 @ 60Hz
音频芯片组	Realtek Audio Codec Mic-in, Line-in, Line-out 2W Audio Amplifier	Realtek Audio Codec Mic-in, Line-in, Line-out 2W Audio Amplifier	Realtek Audio Codec Mic-in, Line-in, Line-out 2W Audio Amplifier
以太网芯片组	1 x Intel® I226V 1 x Intel® I226LM	1 x Intel® I226V 1 x Intel® I226LM	2 x Intel® I226LM/IT
电源信息	+12V ~ +24V	+12V ~ +24V	+9V ~ 36V or USB Type-C Adapter (20V) Note: DCIN & USB Type-C Adapter Can Only Use Either One.
电源模式	AT/ ATX	AT/ ATX	AT/ ATX
工作温度	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 70°C (-40°F ~ 158°F) for Wide Temperature CPU SKU
尺寸(长 x 宽)	5.7" x 4" (146 x 101 mm)	5.7" x 4" (146 x 101 mm)	5.7" x 4" (146 x 101 mm)

3.5" SBC主板



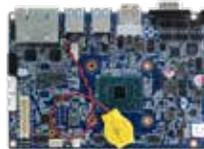
产品型号	ECM-TGU	ECM-ADLS	ECM-CFS
处理器	11th Gen Intel® Core™ i7/i5/i3 & Celeron® Series Processor, Supports TDP15/28W	Intel® LGA1700 Socket Supports 12th/13th Gen Core™ i9/i7/i5/i3 & Pentium® / Celeron® Series Processor, Supports TDP Up to 35W	8/ 9th Gen Intel® Core™ i7/ i5/ i3/ Celeron® rPGA Processor
系统芯片	N/A	Intel® Q670E/ H610E	Intel® Q370/ H310
系统内存	1 x 260-pin DDR4 3200MHz SO-DIMM, Supports Up to 32GB (Non ECC Only)	1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 32GB	1 x 260-Pin DDR4 2400MHz SO-DIMM Supports Up to 32GB
看门狗计时器	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step
扩展	1 x M.2 B-Key (2242/3042) 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2242/2260)	1 x M.2 E-Key (2230) 1 x M.2 M-Key (2280)	1 x Mini PCIe Supports mSATA) (Note: Q370 Supports PCIe/ SATA/ USB2.0 Device, H310 Supports SATA/ USB 2.0)
存储	1 x M.2 B-Key (2242) 1 x M.2 M-Key (2260 for 2242) 1 x SATA III	1 x M.2 M-Key (2280)	1 x mSATA Supported from Mini PCIe
I/O	4 x USB 2.0, 4 x USB 3.2 Gen2x1 4 x RS-232, 2 x RS-232/422/485 1 x SATA III 1 x 8bit GPIO 1 x LPC, 1 x SPI, 1 x SIM Card Slot	4 x USB 2.0, 4 x USB 3.2 Gen2 (H610E USB 3.2 Supports 2 x Gen2 & 2 x Gen1 only) 2 x RS-232/422/485 1 x 8bit GPIO 1 x e-SPI	2 x USB 2.0, 4 x USB 3.1 (Q370 Supports Gen2, H310 Supports Gen1) 2 x RS-232 2 x SATA III 1 x 8bit GPIO 1 x LPC, 1 x SPI
显示芯片组	Intel® 12th Gen Processor Integrated 2 x DP++, 1 x LVDS, 1 x eDP Supports Four Display	Intel® 12th/13th Gen Processor Integrated 1 x HDMI, 1 x DP, 1 x LVDS/ eDP Supports Triple Display	Intel® UHD Graphics 630 / Intel® UHD Graphics 610 2 x HDMI, 1 x LVDS H310 Only Supports Dual Display: LVDS + HDMI 1 (Default LVDS Enable) or HDMI 1 + HDMI 2 (LVDS Disabled) Q370 Supports Triple Display
分辨率	DP 1.4: 4096 x 2304 @ 60Hz LVDS: 1920 x 1080 @ 60Hz Dual Channel 18/24-bits eDP 1.3: 4096 x 2160 @ 60Hz	HDMI 2.0: 4096 x 2304 @ 60Hz DP 1.4b: 4096 x 2304 @ 60Hz, Supports DP++ LVDS: 1920 x 1080 @ 60Hz Dual Channel eDP: 1920 x 1080 @ 60Hz 2 Lanes	HDMI 1.4: 4096 x 2304 @ 30Hz LVDS: 1920 x 1080 @ 60Hz Dual Channel 18/24-bits
音频芯片组	Realtek Audio Codec Mic-in, Line-in, Line-out 2W Audio Amplifier	Realtek Audio Codec Mic-in, Line-in, Line-out	Realtek Audio Codec Mic-in, Line-in, Line-out
以太网芯片组	3 x Intel® I226LM/IT	2 x Intel® I226LM	1 x Intel® I210AT 1 x Intel® I219LM
电源信息	+12V ~ +24V	+12V	+12V
电源模式	AT/ ATX	AT/ ATX	AT/ ATX
工作温度	0°C ~ 60°C (32°F ~ 140°F) -20°C ~ 60°C (-4°F ~ 140°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)
尺寸(长 x 宽)	5.7" x 4" (146 x 101 mm)	5.7" x 4" (146 x 101 mm)	5.7" x 4" (146 x 101 mm)

3.5" SBC主板



ECM-TWL3	ECM-ASL3	ECM-TWL	ECM-ASL
Intel® Processor N150, N250 & Intel® Core™ 3 Processor N355	Intel® Processor N97 & Intel® Core™ i3-N305 & Intel® Atom® x7000RE Series Processor	Intel® Processor N150, N250 & Core™ 3 Processor N355	Intel® Processor N97 & Intel® Core™ i3-N305 & Intel® Atom® x7000RE Series Processor
N/A	N/A	N/A	N/A
1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 16GB	1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 16GB	1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 16GB	1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 16GB
H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step
1 x M.2 B-Key (3042/3052) 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2242/2280)	1 x M.2 B-Key (3042/3052) 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2242/2280)	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 E-Key (2230)	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 E-Key (2230)
1 x M.2 B-Key (2242/3042/3052) 1 x M.2 M-Key (2280) 1 x SATA III	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 M-Key (2280) 1 x SATA III	1 x M.2 B-Key (2242/3042/3052) 1 x SATA III	1 x M.2 B-Key (2242/3042/3052) 1 x SATA III
3 x USB 2.0, 3 x USB 3.2 Gen2 2 x RS-232, 2 x RS-232/422/485 1 x SATA III 1 x 8bit GPIO 2 x 6pin for eSPI, 1 x SIM Card Slot	3 x USB 2.0, 3 x USB 3.2 Gen2 2 x RS-232, 2 x RS-232/422/485 1 x SATA III 1 x 8bit GPIO 2 x 6pin for eSPI, 1 x SIM Card Slot	3 x USB 2.0, 3 x USB 3.2 Gen2 3 x RS-232, 1 x RS-232/422/485 1 x SATA III 1 x 8bit GPIO 1 x eSPI, 1 x SIM Card Slot	3 x USB 2.0, 3 x USB 3.2 Gen2 3 x RS-232, 1 x RS-232/422/485 1 x SATA III 1 x 8bit GPIO 1 x eSPI, 1 x SIM Card Slot
Intel® UHD Graphics 1 x HDMI, 1 x DP, 1 x LVDS/ eDP Supports Triple Display	Integrated Intel® UHD Graphics 1 x HDMI, 1 x DP, 1 x LVDS/ eDP Supports Triple Display	Intel® UHD Graphics 1 x HDMI, 1 x DP++, 1 x LVDS/ eDP Supports Triple Display	Integrated Intel® UHD Graphics 1 x HDMI, 1 x DP++, 1 x LVDS/ eDP Supports Triple Display
HDMI 2.0b: 4096 x 2160 @ 60Hz DP 1.2: 4096 x 2160 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP: 1980 x 1808 @ 60Hz 2 Lanes	HDMI 2.0b: 4096 x 2160 @ 60Hz DP 1.2: 4096 x 2160 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP: 1980 x 1808 @ 60Hz 2 Lanes	HDMI 2.0b: Max 4096 x 2160 @ 60Hz DP 1.4a: Max 4096 x 2160 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP: 1920 x 1080 @ 60Hz 2 Lanes	HDMI 2.0b: Max 4096 x 2160 @ 60Hz DP 1.4a: Max 4096 x 2160 @ 60Hz LVDS: 1920 x 1080 @ 60Hz Dual Channel 18/24-bits eDP: 1920 x 1080 @ 60Hz 2 Lanes
Realtek Audio Codec Mic-in, Line-in, Line-out	Realtek Audio Codec Mic-in, Line-in, Line-out	Realtek Audio Codec Mic-in, Line-in, Line-out	Realtek Audio Codec Mic-in, Line-in, Line-out
2 x Intel® I210AT 1 x Intel® I226V	2 x Intel® I210AT/IT 1 x Intel® I226V/IT	2 x Intel® I226V	2 x Intel® I226V/IT
+9V ~ +36V	+9V ~ +36V	+9V ~ +36V	+9V ~ +36V
AT/ ATX	AT/ ATX	AT/ ATX	AT/ ATX
0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 80°C (-40°F ~ 176°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 80°C (-40°F ~ 176°F) for Wide Temperature CPU SKU
5.7" x 4" (146 x 101 mm)	5.7" x 4" (146 x 101 mm)	5.7" x 4" (146 x 101 mm)	5.7" x 4" (146 x 101 mm)

3.5" SBC主板



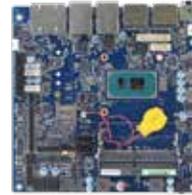
产品型号	ECM-EHL3	ECM-EHL	ECM-APL	ECM-ADNC
处理器	Intel® Atom™ x6000E / Celeron® / Atom™ Series Processor	Intel® Atom™ x6000E / Celeron® / Atom™ Series Processor	Intel® Pentium® / Celeron® / Atom™ Series Processor	Intel® Processor N97
系统芯片	N/A	N/A	N/A	N/A
系统内存	1 x 260-pin DDR4 3200MHz SO-DIMM, Supports Up to 32GB (Non ECC Only)	1 x 260-pin DDR4 3200MHz SO-DIMM, Supports Up to 32GB (Non ECC Only)	1 x 204-pin DDR3L 1600 & 1333MHz SO-DIMM, Supports Up to 8GB (Non ECC Only)	1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 16GB
看门狗计时器	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step	H/W Reset, 1 sec. ~ 65535 sec. and 1 sec./step or 1 min./step
扩展	1 x M.2 B-Key (2242/3042) 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2260)	1 x M.2 B-Key (2242/3042) 1 x M.2 E-Key (2230)	1 x Mini PCIe (for PCIe & USB2.0) 1 x M.2 (2242) B-Key	1 x M.2 B-Key (2242) 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2280)
存储	1 x M.2 B-Key 1 x M.2 M-Key (2260 for 2242) 1 x SATA III	1 x M.2 B-Key (2242) 1 x SATA III	1 x M.2 B-Key (2242) 1 x Mini PCIe (For PCIe & USB 2.0)	1 x M.2 M-Key (2280) 1 x SATA III
I/O	6 x USB 2.0, 2 x USB 3.1 Gen2 4 x RS-232, 2 x RS-232/422/485 1 x SATA III 1 x 8bit GPIO 1 x eSPI, 1 x SIM Card Slot	4 x USB 2.0, 2 x USB 3.1 Gen2 (10Gbps) 3 x RS-232, 1 x RS-232/422/485 1 x SATA III 1 x 8bit GPIO 1 x eSPI, 1 x SIM Card Slot	1 x USB 2.0, 4 x USB 3.0 5 x RS-232, 1 x RS-232/422/485 1 x SATA III 1 x Micro SIM Card Slot 1 x 8bit GPIO 1 x LPC, 1 x SPI	6 x USB 3.2 Gen1, 4 x USB 2.0 1 x SATA III, 2 x RS-232, 2 x RS-232/422/485 1 x M.2 M-Key (2280) 1 x 8bit GPIO, 1 x I2C, 1 x eSPI
显示芯片组	Intel® UHD Graphics for 10th Gen Intel® Processor 2 x DP++, 1 x LVDS/ eDP (Default LVDS) Supports Triple Display	Intel® UHD Graphics for 10th Gen Intel® Processor 1 x HDMI, 1 x DP, 1 x eDP Supports Triple Display	Intel® Apollo Lake SoC Integrated Graphics 2 x HDMI, 1 x LVDS Supports Triple Display	Integrated Intel® UHD Graphics 1 x HDMI, 1 x DP Supports Dual Display
分辨率	DP: Max 4096 x 2304 @ 60Hz LVDS: Max 1920 x 1080 @ 60Hz Dual Channel 18/ 24-bits eDP: Max 4096 x 2160 @ 60Hz 2 Lanes	HDMI 2.0b: 4096 x 2160 @ 60Hz DP 1.2: 4096 x 2160 @ 60Hz eDP 1.3: 4096 x 2160 @ 60Hz	HDMI: 3840 x 2160 @ 30Hz LVDS: 1920 x 1080 @ 60Hz	HDMI 2.0: 2048 x 1080 @ 60Hz DP++: Max 4096 x 2340 @ 60Hz
音频芯片组	Realtek Audio Codec Mic-in, Line-in, Line-out 2W Audio Amplifier	Realtek Audio Codec Mic-in, Line-in, Line-out	Realtek Audio Codec Mic-in, Line-in, Line-out	Realtek Audio Codec Mic-in, Line-out Audio Amplifier
以太网芯片组	1 x Intel® I226LM 2 x Intel® I210AT	2 x Intel® I226LM/IT	2 x Intel® I210AT	2 x Intel® I226V
电源信息	+9V ~ +36V	+9V ~ +36V	+12V ~ +24V	+12V ~ +24V
电源模式	AT/ ATX	AT/ ATX	AT/ ATX	AT/ ATX
工作温度	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 85°C (-40°F ~ 185°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 85°C (-40°F ~ 185°F) (For Wide Temperature CPU SKU)	0°C ~ 60°C (32°F ~ 140°F)
尺寸(长 x 宽)	5.7" x 4" (146 x 101 mm)	5.7" x 4" (146 x 101 mm)	5.7" x 4" (146 x 101 mm)	5.7" x 4" (146 x 101 mm)

Mini-ITX主板



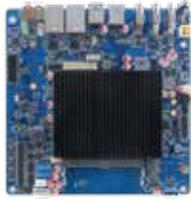
产品型号	EMX-W880P	EMX-R680P	EMX-C246P	EMX-PTLP
处理器	Intel® LGA1851 Socket Supports Core™ Ultra Processor, Supports TDP Up to 125W	Intel® LGA1700 Socket Supports 12/13th Gen Core™ i9/i7/i5/i3 & Pentium® / Celeron® Series Processor, Supports TDP Up to 125W	Intel® LGA1151 Socket Supports 8/ 9th Gen Core™ i7/i5/i3 & Pentium® / Celeron® / Xeon Series Processor	Intel® Core™ Ultra H Series Processor, Supports TDP 25W
系统芯片	Intel® W880	Intel® R680E	Intel® C246	N/A
系统内存	2 x 262-pin DDR5 6400MHz S0-DIMM Supports Up to 96GB	2 x 262-pin DDR5 4800MHz S0-DIMM Supports Up to 64GB	2 x 260-pin DDR4 2400/2666MHz S0-DIMM Supports Up to 64GB (ECC Memory Supported by CPU)	2 x 262-pin DDR5 6400MHz(H404)/ 7200MHz(H484) S0-DIMM Supports Up to 64GB
扩展	1 x PCIe x16 Gen5 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2242/2280) 1 x M.2 M-Key (2280 with Bracket/22110)	1 x PCIe x16 Gen5 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2242/2280)	1 x PCIe x16 1 x M.2 M-Key (2242/2260/2280) 1 x M.2 E-Key (2230)	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 E-Key (2230) 2 x M.2 M-Key (2280)
显示	Intel® Xe LPG Graphics Architecture CPU Integrated 1 x HDMI, 1 x DP, 1 x USB4 Type C at I/O with DP-Alt mode, 1 x LVDS/ eDP Supports Four Display	Intel® 12/13th Gen CPU Integrated 1 x HDMI, 2 x DP++, 1 x LVDS/ eDP Supports Four Display	Intel® 8/9th Gen CPU Integrated 2 x HDMI, 1 x VGA, 1 x LVDS (By BOM Option) Supports Triple Display	Intel® Xe LPG Graphics 1 x HDMI, 3 x DP (2 via USB Type-C), 1 x LVDS/ eDP Maximum: 4 Independent Displays
分辨率	DP 2.1: 7680 x 4320 @ 60Hz HDMI 2.1: 8K @ 60Hz LVDS: 1920 x 1080 @ 60Hz Dual Channel 18/24-bits eDP 1.4b: 1920 x 1080 @ 60Hz 2 Lanes	HDMI 2.1b: 8K @ 60Hz DP++: 4096 x 2160 @ 60Hz / 5120 x 3200 @ 60Hz LVDS: 1920 x 1080 @ 60Hz Dual Channel 18/24-bits eDP: 1920 x 1080 @ 60Hz 2 Lanes	VGA: 2048 x 1536 @ 50Hz HDMI: 3840 x 2160 @ 30Hz / 2560 x 1600 @ 30Hz LVDS: 4096 x 2160 @ 24Hz Dual Channel 18/24-bits	HDMI 2.1: 7680 x 4320 @ 30Hz DP1.4a: Max: 7680 x 4320 @ 60Hz USB Type-C Supports : 3840 x 2160 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP 1.4a: Max 4096 x 2304 @ 60Hz
音频	Realtek Audio Codec Mic-in, Line-out 3W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 2W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out, Front Audio Pin-Header 2W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 6W Audio Amplifier
以太网	1 x Intel® I210AT 1 x Intel® I226LM 2 x Intel® I226V	4 x Intel® I226LM	1 x Intel® I219LM 3 x Intel® I210AT	1 x Intel® I210AT 1 x Intel® I226LM
USB/ SATA/ 串口/ 网口	12/ 2/ 5/ 4	12/ 2/ 5/ 4	10/ 2/ 6/ 4	11/ 0/ 5/ 2
电源信息	+12V/ +5V/ 5VSB/ +3.3V/ -12V	+12V/ +5V/ 5VSB/ +3.3V/ -12V	+12V/ +5V/ 5VSB/ +3.3V/ -12V	+12V ~ 24V
电源模式	AT/ ATX	AT/ ATX	AT/ ATX	AT/ ATX
工作温度	0°C ~ 55°C (32°F ~ 131°F) with HDD/SSD	0°C ~ 55°C (32°F ~ 131°F)	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)
尺寸(长 x 宽)	6.69" x 6.69" (170 x 170 mm)	6.69" x 6.69" (170 x 170 mm)	6.69" x 6.69" (170 x 170 mm)	6.69" x 6.69" (170 x 170 mm)
重量	0.88 lbs (0.4 kg)	0.88 lbs (0.4 kg)	0.88 lbs (0.4 kg)	0.88 lbs (0.4 kg)

Mini-ITX主板



产品型号	EMX-MTLP	EMX-RPLP	EMX-TGLP	EMX-TWLP
处理器	Intel® Core™ Ultra 5 Series Processor, Supports TDP 15/28W	13th Gen Intel® Core™ i7/i5/i3 & Celeron® Series Processor, Supports TDP 15 to 45W	11th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor	Intel® Processor N150, N250 & Intel® Core™ 3 Processor N355
系统芯片	N/A	N/A	N/A	N/A
系统内存	2 x 262-pin DDR5 5600MHz SO-DIMM Supports Up to 64GB	2 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 64GB (Non ECC Only)	2 x 260-pin DDR4 3200MHz SO-DIMM Supports Up to 64GB	1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 16GB
扩展	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 E-Key (2230) 2 x M.2 M-Key (2280)	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2280)	1 x M.2 B-Key (2242/2260/2280/3042/3052) 1 x M.2 E-Key (2230)	1 x M.2 B-Key (2242/3042/3052) 1 x M.2 E-Key (2230) 2 x M.2 M-Key (2242/2280)
展示	Intel® Xe LPG Graphics 2 x HDMI, 2 x DP (1 via USB Type-C), 1 x LVDS, 1 x eDP Maximum: 6 for Quadruple Independent Displays	Intel® Iris® Xe/ UHD Graphics for 12th Gen Intel® Processor Integrated (Dependent on CPU) 2 x DP++, 2 x DP, 1 x eDP, 1 x LVDS Maximum: 6 for Quadruple Independent Displays	12th Gen Intel® Core™ Processor Integrated 2 x DP++, 2 x DP, 1 x eDP, 1 x LVDS Maximum: 6 for Quadruple Independent Displays	Intel® Graphics 1 x HDMI, 1 x DP++, 1 x DP, 1 x LVDS/ eDP Supports Triple Display
分辨率	HDMI 2.0: 3840 x 2160 @ 60Hz DP 1.4a: Max 7680 x 4320 @ 60Hz USB Type-C Supports: 3840 x 2160 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP 1.4a: Max 4096 x 2304 @ 60Hz	DP++ (DP1+DP2): 1920 x 1080 @ 60Hz DP (DP3+DP4): 4096 x 2304 @ 60 Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP: 4096 x 2304 @ 60Hz	DP: 4096 x 2304 @ 60Hz DP++: 1920 x 1080 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP: 4096 x 2304 @ 60Hz	HDMI 2.0b: 4096 x 2160 @ 60Hz DP++: 1920 x 1080 @ 60Hz DP 1.4a: 4096 x 2160 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP: 1920 x 1080 @ 60Hz 2 Lanes
音频	Realtek Audio Codec Mic-in, Line-out 6W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 6W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 6W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 2W Audio Amplifier
以太网	1 x Intel® I226LM 1 x Intel® I226V	3 x Intel® I226LM/IT 1 x Intel® I219LM	1 x Intel® I225IT 1 x Intel® I219LM 2 x Intel® I210IT (BOM Optional)	2 x Intel® I226V
USB/ SATA/ 串口/ 网口	11/ 2/ 6/ 2	8/ 2/ 6/ 4	8/ 2/ 6/ 4	9/ 1/ 6/ 2
电源信息	+12V ~ 24V	+12V ~ 24V	+12V ~ 24V	+12V ~ 24V
电源模式	AT/ ATX	AT/ ATX	AT/ ATX	AT/ ATX
工作温度	15W with Fanless Supports : 0°C ~ 55°C (32°F ~ 131°F) 28W with CPU Cooler Supports : 0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 60°C (32°F ~ 140°F) with HDD/SSD	0°C ~ 60°C (32°F ~ 140°F) -20°C ~ 60°C (-4°F ~ 140°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F)
尺寸(长 x 宽)	6.69" x 6.69" (170 x 170 mm)	6.69" x 6.69" (170 x 170 mm)	6.69" x 6.69" (170 x 170 mm)	6.69" x 6.69" (170 x 170 mm)
重量	15W (Shipping with Heatsink) : 1.127 lbs. (0.51 kg) 28W (Shipping w/o Cooler) : 0.603 lbs. (0.27 kg)	0.88 lbs. (0.4 kg)	0.88 lbs. (0.4 kg)	0.88 lbs. (0.4 kg)

Mini-ITX主板



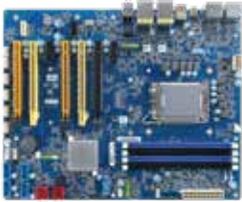
EMX-ASLP	EMX-EHLP	MX610HD	MX610H
Intel® Processor N97, Intel® Core™ i3-N305 & Intel® Atom® x7000RE Series Processor	Intel® Atom™ x6000E / Celeron® Series Processor	Intel® LGA1700 Socket Supports 12/13/14th Gen Core™ i9/i7/i5/i3 & Pentium® / Celeron® Series Processor, Supports TDP Up to 65W	Intel® LGA1700 Socket Supports 12/13/14th Gen Core™ i9/i7/i5/i3 & Pentium® / Celeron® Series Processor, Supports TDP Up to 65W
N/A	N/A	Intel® H610E	Intel® H610E
1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 16GB	1 x 260-pin DDR4 3200MHz SO-DIMM Supports Up to 32GB (Only Atom™ x6000 Series Processor Supports IB ECC)	2 x 262-pin DDR5 5600MHz SO-DIMM Supports Up to 64GB (Non ECC Only)	2 x 262-pin DDR5 5600MHz SO-DIMM Supports Up to 64GB (Non ECC Only)
1 x M.2 B-Key (2242/3042/3052) 1 x M.2 E-Key (2230) 1 x M.2 M-Key (2242/2280)	1 x M.2 B-Key (2242/2260/2280/3042/3052) 1 x M.2 E-Key (2230)	1 x PCIe x16 Gen4 1 x M.2 M-Key (2242/2280) 1 x M.2 E-Key (2230)	1 x PCIe x16 Gen4 1 x M.2 M-Key (2242/2280) 1 x M.2 E-Key (2230)
Intel® UHD Graphics Integrated 1 x HDMI, 1 x DP, 1 x DP++, 1 x LVDS/ eDP Supports Triple Display	Intel® UHD Graphics for 10th Gen Intel® Processor 1 x DP++, 1 x HDMI, 1 x LVDS (eDP by BOM Option) Supports Triple Display	Intel® Integrated UHD Graphics with Xe Architecture (CPU Dependent) 1 x HDMI, 1 x DP, 1 x LVDS/ eDP Supports Triple Display	Intel® Integrated UHD Graphics with Xe Architecture (CPU Dependent) 1 x HDMI, 2 x DP++, 1 x LVDS/ eDP Supports Triple Display
HDMI 2.0b: 4096 x 2160 @ 60Hz DP++: 1920 x 1080 @ 60Hz DP 1.4a: 4096 x 2160 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP: 1920 x 1080 @ 60Hz 2 Lanes	HDMI 2.0b: 4096 x 2160 @ 60Hz DP++: 4096 x 2160 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits eDP: 4096 x 2160 @ 60Hz	HDMI 1.4b: 4K @ 30Hz DP 1.2a: 4K @ 60Hz (Dual Mode) LVDS: 1920 x 1080 @ 60Hz Dual Channel 18/24-bits eDP: 1920 x 1080 @ 60Hz 2 Lanes	HDMI: 3840 x 2160 @ 30Hz DP 1.4a: 4096 x 2304 @ 60Hz LVDS: 1920 x 1200 @ 60Hz Dual Channel 18/24-bits
Realtek Audio Codec Mic-in, Line-out 2W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 6W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 6W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 3W Audio Amplifier
2 x Intel® I226V/IT	4 x Intel® I226LM/IT	1 x Intel® I219V 1 x Intel® I225LM	1 x Intel® I219LM 1 x Intel® I225V
9/ 1/ 6/ 2	8/ 2/ 6/ 4	8/ 2/ 3/ 2	12/ 2/ 4/ 2
+12V ~ 24V	+12V ~ 24V	+12V ~ 24V	+12V/ +5V/ 5VSB/ +3.3V/ -12V
AT/ ATX	AT/ ATX	AT/ ATX	AT/ ATX
0°C ~ 60°C (32°F ~ 140°F) -20°C ~ 70°C (-8°F ~ 158°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F) -20°C ~ 60°C (-4°F ~ 140°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)
6.69" x 6.69" (170 x 170 mm)	6.69" x 6.69" (170 x 170 mm)	6.69" x 6.69" (170 x 170 mm)	6.69" x 6.69" (170 x 170 mm)
0.88 lbs (0.4 kg)	0.88 lbs (0.4 kg)	0.88 lbs (0.4 kg)	0.88 lbs (0.4 kg)

Micro-ATX主板



产品型号	RX880W	RX680R	ERX-W480P
处理器	Intel® LGA1851 Socket Supports Intel® Core™ Ultra Processor, Supports TDP Up to 125W	Intel® LGA1700 Socket Supports 12/13/14th Gen Intel® Core™ i9/i7/i5/i3 & Pentium® / Celeron® Processor, Supports TDP Up to 65W	Intel® LGA1200 Socket Supports 10th Gen Core™ i9/i7/i5/i3 & Xeon® (Workstation) Series Processor, Supports TDP Up to 95W
系统芯片	Intel® W880	Intel® R680E	Intel® W480E
系统内存	4 x 288-pin DDR5 5600 MHz U-DIMM Supports Up to 192GB (ECC Memory Supported by CPU)	4 x 288-pin DDR5 4400 MHz U-DIMM Supports Up to 128GB (ECC Memory Supported by CPU)	4 x 288-pin DDR4 U-DIMM Supports Up to 128GB (ECC Memory Supported by CPU)
扩展	1 x PCIe x16 Gen5 or x8 Bifurcated 1 x PCIe x8 Gen5 Bifurcated 1 x PCIe x4 Gen4 Open Ended 1 x PCIe x4 Gen4 2 x M.2 M-Key NVMe (2242/2280/22110) 1 x M.2 E-Key (2230) 2 x SlimSAS 4i Connector	1 x PCIe x16 Gen5 2 x PCIe x4 Gen4 1 x PCIe x4 Gen3 Open Ended 1 x M.2 M-Key NVMe (2242/2280/22110) 1 x M.2 E-Key (2230)	2 x PCIe x16 for 1 x PCIe x16 or 2 x PCIe x8 2 x PCIe x4 1 x M.2 M-Key (2260/2280)
展示	Intel® Integrated Xe LPG 2 x DP++, 2 x USB Type-C Supports Four Display	Intel® 12/13/14th Gen CPU Integrated 4 x DP, 1 x LVDS, 1 x eDP (Optional) Supports Four Display	Intel® 10th Gen CPU Integrated 1 x VGA, 1 x HDMI, 1 x DP++, 1 x LVDS Supports Triple Display
分辨率	DP 1.4: Max 4096 x 2304 @ 60Hz	DP 1.4a: Max 4096 x 2304 @ 60Hz	VGA: 2048 x 1536 @ 60Hz HDMI 1.4: Max 4096 x 2160 @ 30Hz DP++: Max 4096 x 2304 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits
音频	Realtek Audio Codec Audio Combo Jack 2 x 3W Amplifier	Realtek Audio Codec Mic-in, Line-out 2 x 3W Amplifier	Realtek Audio Codec Line-in, Mic-in, Line-out 2 x 6W Amplifier
以太网	2 x Intel® I226LM	2 x Intel® I225LM/I226LM	1 x Intel® I219LM 1 x Intel® I210AT 2 x Intel® I225LM
USB/ SATA/ 串口/ 网口	16/ 2/ 6/ 2	17/ 4/ 6/ 2	14/ 4/ 9/ 4
电源信息	+12V/ +5V/ 5VSB/ +3.3V/ -12V	+12V/ +5V/ 5VSB/ +3.3V/ -12V	+12V/ +5V/ 5VSB/ +3.3V/ -12V
电源模式	AT/ ATX	AT/ ATX	AT/ ATX
工作温度	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F) with HDD/SSD
尺寸(长 x 宽)	9.6" x 9.6" (243.84 x 243.84 mm)	9.6" x 9.6" (243.84 x 243.84 mm)	9.6" x 9.6" (243.84 x 243.84 mm)
重量	1.45 lbs (0.66 kg)	1.45 lbs (0.66 kg)	1.45 lbs (0.66 kg)

ATX主板



BC680R	EAX-R680BP	EAX-R680FP	EAX-C246P
Intel® LGA1700 Socket Supports 12/13/14th Gen Intel® Core™ i9/i7/i5/i3 Processor, Supports TDP Up to 65W	Intel® LGA1700 Socket Supports 12/13/14th & Series 2 Gen Intel® Core™ i9/i7/i5/i3 Processor, Supports TDP Up to 125W	Intel® LGA1700 Socket Supports 12/13/14th Gen Intel® Core™ i9/i7/i5/i3 Processor, Supports TDP Up to 125W	Intel® LGA1151 Socket Supports 8/9th Gen Intel® Core™ i7/i5/i3 & Xeon® (Workstation) / Pentium® / Celeron® Series Processor
Intel® R680E	Intel® R680E	Intel® R680E	Intel® C246
4 x 288-pin DDR5 4400MHz U-DIMM Supports Up to 128GB (ECC Memory Supported by CPU)	4 x 288-Pin DDR5 4400MHz U-DIMM Socket Supports Up to 128GB (ECC Memory Supported by CPU)	4 x 288-Pin DDR4 3200MHz U-DIMM Socket Supports Up to 128GB (ECC Memory Supported by CPU)	4 x 288-pin DDR4 2400/2666MHz U-DIMM Supports Up to 128GB (ECC Memory Supported by CPU)
1 x PCIe x16 Gen5 2 x PCIe x4 Gen4 1 x PCIe x4 Gen3 1 x PCIe x1 Gen3 2 x PCIe x1 Gen3, Open Ended 1 x M.2 M-Key NVMe (2242/2280/22110) - PCIe x4 + SATA III 1 x M.2 M-Key NVMe (2242/2280/22110) - PCIe x4 Only 1 x M.2 E-Key (2230)	2 x PCIe x16 Gen5 (Default) or 1 x PCIe x8 Gen5 with 1 x PCIe x8 Gen4 (BIOS Selection) 2 x PCIe x4 Gen4 1 x PCIe x4 Gen3 1 x PCIe x4 Slot for PCIe x2 Gen3 2 x M.2 M-Key NVMe (2242/2280/22110) for Storage only, no SATA	2 x PCIe x16 Slots for 1 x PCIe x16 Gen5 (Default) or 2 x PCIe x8 Gen5 2 x PCIe x4 Gen4 1 x PCIe x4 Gen3 1 x PCIe x4 Slot for 1 x PCIe x2 Gen3	2 x PCIe x16 Slot for 1 x PCIe x16 or 2 x PCIe x8 (by BOM Optional) 1 x PCIe x4 3 x PCIe x1 1 x PCI 1 x M.2 M-Key (2242/2260/2280) 1 x M.2 A-Key (2230)
Intel® 12/13/14th Gen CPU Integrated 2 x DP++, 2 x HDMI Supports Four Display	Intel® Graphic Chipset 12/13/14th & Series 2 Gen Core™ CPU Integrated 2 x DP++, 1 x HDMI Supports Triple Display	Intel® 12th/13/14th Gen CPU Integrated 2 x DP++, 1 x HDMI Supports Triple Display	Intel® 8/9th Gen CPU Integrated 1 x VGA, 1 x HDMI, 1 x DP++ Supports Triple Display
DP 1.4a: Max 4K @ 60Hz (Dual Mode) HDMI 2.0b: 4K @ 60Hz	HDMI 2.1b: Max 4K x 2K @ 60Hz (With HDR) DP 1.4a: Max (Combined) 7680 x 4320 @ 60Hz	DP 1.4a: Max (Combined) 7680 x 4320 @ 60Hz (DP++ via Dongle: 1920 x 1080 @ 60 Hz) HDMI 2.0b: Max 4K x 2K @ 60Hz (With HDR)	VGA: 2048 x 1536 @ 60Hz HDMI: 3840 x 2160 @ 30Hz, 2560 x 1600 @ 30Hz DP: 4096 x 2304 @ 60Hz
Realtek Audio Codec Mic-in, Line-out 6W Amplifier	Realtek Audio Codec Mic-in, Line-out 6W Amplifier	Realtek Audio Codec Mic-in, Line-out 6W Amplifier	Realtek Audio Codec Mic-in, Line-in, Line-out 2W Audio Amplifier
2 x Intel® I225LM	2 x Intel® I226LM 2 x Intel® I226V	2 x Intel® I225LM	1 x Intel® I219LM 1 x Intel® I210AT
17/ 4/ 6/ 2	14/ 4/ 6/ 4	14/ 4/ 6/ 2	13/ 6/ 10/ 2
+12V/ +5V/ 5VSB/ +3.3V/ -12V	+12V/ +5V/ 5VSB/ +3.3V/ -12V	+12V/ +5V/ 5VSB/ +3.3V/ -12V	+12V/ +5V/ 5VSB/ +3.3V/ -12V
AT/ ATX	AT/ ATX	AT/ ATX	AT/ ATX
0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 55°C (32°F ~ 131°F)	0°C ~ 55°C (32°F ~ 131°F)	0°C ~ 60°C (32°F ~ 140°F)
12" x 9.6" (304.8 x 243.84 mm)	12" x 9.6" (304.8 x 243.84 mm)	12" x 9.6" (304.8 x 243.84 mm)	12" x 9.6" (304.8 x 243.84 mm)
1.85lbs (0.85 kg)	1.54 lbs (0.7 kg)	1.54lbs (0.7 kg)	1.32 lbs (0.6 kg)

基于ARM的SBC主板



产品型号	RSC-3576	RSC-3568J	RSC-3506	REV-OM01
处理器	Rockchip RK3576 Quad-core Cortex-A72 and Quad-core Cortex-A53	Rockchip RK3568J Quad-core Cortex-A55 1.8GHz	Rockchip RK3506 Quad-core ARM Cortex-A55, Up to 2.0GHz	Rockchip RK3568J & NXP-I.MX95
系统内存	4GB (8G/ 16G Optional)	2GB/ 4GB LPDDR4	2GB / 4GB LPDDR4	2GB/4G DDR4
存储	32GB (16 ~ 128G Optional)	32GB/ 64GB eMMC	eMMC 16GB / 32GB (Expandable via microSD Slot)	32GB/ 64GB eMMC
外部I/O连接器	2 x RJ45 (10/100/1000M) 1 x USB3.0 Type A 1 x USB2.0 Type A 1 x USB3.0 Type C (OTG) 1 x HDMI Out 1 x Headphone 3.5mm Jacker 1 x M.2 1 x Speaker 1 x Micro Sim Slot 1 x Micro SD 1 x DC Jack	1 x DC Jack 1 x HDMI 2.0 In 1 x Reset 1 x RS232/422/485 DB9 1 x USB 3.0 Type A 1 x USB 3.0 Type A OTG 2 x 10/100/1000 RJ45 LAN	6 x COM Ports 2 x USB 3.0 2 x LAN Ports 1 x HDMI 2.0 (Up to 4K@60Hz) 1 x mini PCIe slot 1 x M.2 Key B	1 x DC in Phoenix connector 2 x RJ45 (10/100/1000M) 1 x HDMI 2 x USB3.0 Type A 1 x GPIO 1 x Speaker
内部I/O连接器	2 x RS232 2 x RS485 4 x USB (4 pin) 2 x GPIO 1 x I ² C 1 x Debug (4 pin) 1 x CAN 1 x LVDS or Mipi 1 x DSI 1 x LCD Backlight 1 x I ² C for TP 1 x 3G/4G LTE Mini PCIE (Optional) 1 x Wi-Fi IEEE 802.11b/g/n/ac BT4.2 (Optional 5.0) 1 x Wi-Fi + BT Antenna 1 x Power Switch, 1x Reset Switch, 1 x Recovery Switch 1 x IR 2 x POE (POE OUT / POE IN) 1 x SPDIF Out (Option) 1 x UART	1 x Backlight 2 x CAN 1 x Debug 1 x eDP 5 x GPIO 1 x I ² C 1 x LVDS 1 x M.2 2230 E-Key 1 x M.2 3042 B-Key 1 x Micro SD Slot 1 x MIPI DSI 3 x RS232 1 x RS232/422/485 1 x RTC Battery 1 x SD Card Slot 1 x SIM Card Slot 1 x Speaker 1 x Touch Button 2 x USB 2.0 1 x 4Pin DC PHD 2.0	1 x RGB LCD Interface 2 x CAN 2 x USB 2.0 GPIO Header: 40-pin	1 x Debug 1 x eDP (Option) 1 x LVDS (Option) 1 x M.2 3052 E-Key (for LTE Module) 1 x M.2 2230 E-Key (for Wi-Fi/BT Module) 2 x RS232/485 2 x CAN 1 x RTC Battery 1 x SD Card Slot 1 x SIM Card Slot 1 x Speaker 1 x USB 2.0 (5 pin) 2 x USB 3.0 (20 pin) 1 x Fan 1 x I ² C 1 x SPI 2 x PWM
电源信息	12V ~ 24V	DC 12V ~ 24V	DC 12V	9 ~ 36V (2 pin Phoenix Connector)
工作温度	-40°C ~ 85°C	-40°C ~ 85°C	-20°C ~ 70°C	-20°C ~ 75°C
存储温度	-20°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C	-20°C ~ 70°C
尺寸(长 x 宽)	146 x 101 mm	146 x 101 mm	146 x 101 mm	146 x 101 mm
重量	0.16 kg	0.16 kg	0.16 kg	0.16 kg
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B
软件支持	Debian 12 (Standard) Android 14	Android 13 Debian 11	Android Debian	Debian (for RK3568) Yocto (for IMX95)

基于ARM的SBC主板



产品型号	ACP-IMX6POS	ACP-3588	ACP-Q6490	ACP-3566-PI	ACP-IMX8-PI
处理器	NXP i.MX 6 Dual Lite NXP i.MX 6 Quad Core	RockChip RK3588 Quad-core Cortex-A76 and Quad-core Cortex-A55	QCS6490 Qualcomm® Kryo™ 670, 8 cores, Up to 2.7 GHz, 12 TOPS(INT8)	RockChip RK3566 Quad-core Cortex-A55	NXP i.MX8Mmini Quad Core Cortex-A53
系统内存	1GB/ 2GB DDR3	4GB/ 8GB/ 16GB/ 32GB DDR4	DDR4, 8GB (4GB to 16GB Optional)	4GB	4GB
存储	4GB eMMC	32 GB eMMC	Support UFS 3.1, Default 128 GB	32GB eMMC	32GB eMMC
外部I/O连接器	2 x 10/100/1000 RJ45 Powered LAN 1 x DC Jack 1 x HDMI 2.0 In 1 x Micro SD Slot 1 x Mini USB 1 x RJ11 2 x RS232/422/485 DB9 2 x USB 2.0 Type A	1 x 10/100/1000 RJ45 Powered LAN 1 x HDMI 2.0 In 2 x HDMI 2.0 Out 4 x RS-232/422/485 Debug 3 x USB 2.0 Type A 1 x USB 2.0 Type C OTG 1 x USB 3.0 Type A	1 x M.2 B Key 3052 Reference RM520N-GL Quectel 1 x Nano SIM Slot 1 x RJ45 (10/100/1000M) 2 x USB 3.1 Type A 3 x USB 2.0 TypeA 1 x USB 3 Type C (Download Only) 1 x HDMI 1.4 1 x Line-out/ Mic-in/ Speaker	1 x 10/100/1000 RJ45 Powered LAN 1 x HDMI 2.0 Out 2 x USB Host 2.0 1 x USB OTG 2.0 1 x USB Host 3.0 1 x Micro SD Memory Card Slot (Max 64GB)	1 x RESET KEY 1 x Power Button 1 x HDMI Out 1 x HDMI Out 1 x MIPI DSI 1 x 3.5mm Headphone Jack 4 x USB 2.0
内部I/O连接器	N/A	1 x EDP 2 x 20P GPIO (GPIO/ UART/ SPI/ I2C) 1 x LVDS 1 x M.2 Key M 1 x MIPI CSI 1 x MIPI DSI 2 x SATA 1 x SPDIF 1 x 30 pin Audio Interface 1 x Speaker Header 2 x Wi-Fi/ BT Antenna 2 x I2C	Wi-Fi 802.11ax Wi-Fi and BT 5.2 1 x RS-232 1 x RS485 1 x GPIO 16-bit DIO 1 x I2C 1 x uSD3.0 Card 2 x MIPI-CSII2 for 4-lanes Camera, Reference to IMX577 1 x UART	1 x Standard 40-pin GPIO Header (GPIO, UART, I2C, SPI) 1 x MIPI CSI 1 x MIPI DSI 1 x Gigabit Ethernet 1 x Wi-fi 802.11b/g/n/ac Wireless LAN, Bluetooth 4.0/5.0 (Option)	1 x Standard 40-pin GPIO Header (Can be Expanded to UART, SPI, I2C, PWM Function) 1 x Wi-fi 802.11 a/b/g/n/ac (on Module) 1 x 4 pin USB-Wifi Connector 1 x MIPI CSI 1 x SD
电源信息	DC 12V ~ 24V	DC 12V	DC 12V	DC 5V / 3A via USB-C	DC 5V / 3A via USB-C
工作温度	-20°C ~ 85°C	-5°C ~ 70°C	-20°C ~ 70°C	0°C ~ 60°C (32°F ~ 140°F)	-20°C ~ 70°C
存储温度	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 75°C (-40°F ~ 167°F)	-40°C ~ 75°C (-40°F ~ 167°F)
尺寸(长 x 宽)	175 x 110 mm	150 x 125 mm	100 x 72 mm	85 x 55 mm	85 x 55 mm
重量	0.16 kg	0.16 kg	0.1 kg	0.16 kg	0.16 kg
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B
软件支持	Android 4.4 Yocto 1.7	Android 11	Ubuntu Yocto Debian Android	Debian 10	Yocto 4.0

CPU列表

英特尔® 台式机处理器

SKUs (with Intel ARK Link)	TDP (W)	Total Cores	Total Threads	Processor Base Frequency	Performance-core Base Frequency	Efficient-core Base Frequency	Max Turbo Frequency	BC680R
Intel® Core™ Ultra 9 Processor 285K	125W	24	24	-	3.7GHz	3.2GHz	5.7GHz	
Intel® Core™ Ultra 9 Processor 285	65W	24	24	-	2.5GHz	1.9GHz	5.6GHz	
Intel® Core™ Ultra 9 Processor 285T	35W	24	24	-	1.4GHz	1.2GHz	5.4GHz	
Intel® Core™ Ultra 7 Processor 265K	125W	20	20	-	3.9GHz	3.3GHz	5.5GHz	
Intel® Core™ Ultra 7 Processor 265	65W	20	20	-	2.4GHz	1.8GHz	5.3GHz	
Intel® Core™ Ultra 7 Processor 265T	35W	20	20	-	1.5GHz	1.2GHz	5.3GHz	
Intel® Core™ Ultra 5 Processor 245K	125W	14	14	-	4.2GHz	3.6GHz	5.2GHz	
Intel® Core™ Ultra 5 Processor 245	65W	14	14	-	3.5GHz	3.0GHz	5.1GHz	
Intel® Core™ Ultra 5 Processor 245T	35W	10	10	-	2.2GHz	1.7GHz	5.1GHz	
Intel® Core™ Ultra 5 Processor 225	65W	10	10	-	3.3GHz	2.7GHz	4.9GHz	
Intel® Core™ Ultra 5 Processor 225T	35W	10	10	-	2.5GHz	1.9GHz	4.9GHz	
Intel® Core™ 9 Processor 273P0E	125W	12		-	3.4GHz	-	5.9GHz	
Intel® Core™ 9 Processor 273PE	65W	12		-	2.3GHz	-	5.7GHz	
Intel® Core™ 9 Processor 273PTE	45W	12		-	1.4GHz	-	5.5GHz	
Intel® Core™ 7 processor 253P0E	125W	10		-	3.5GHz	-	5.7GHz	
Intel® Core™ 7 processor 253PE	65W	10		-	2.5GHz	-	5.5GHz	
Intel® Core™ 7 processor 253PTE	45W	10		-	1.8GHz	-	5.4GHz	
Intel® Core™ 7 processor 251E	65W	24	32	-	2.1GHz	1.6GHz	5.6GHz	
Intel® Core™ 7 processor 251TE	45W	24	32	-	1.4GHz	1.0GHz	5.4GHz	
Intel® Core™ 5 processor 223P0E	125W	8		-	4.0GHz	-	5.5GHz	
Intel® Core™ 5 processor 223PE	65W	8		-	2.9GHz	-	5.4GHz	
Intel® Core™ 5 processor 223PTE	45W	8		-	2.3GHz	-	5.4GHz	
Intel® Core™ 5 processor 221E	65W	14	20	-	2.7GHz	2.1GHz	5.2GHz	
Intel® Core™ 5 processor 221TE	45W	14	20	-	1.8GHz	1.3GHz	5.0GHz	
Intel® Core™ 5 processor 213PE	65W	8		-	2.7GHz	-	5.2GHz	
Intel® Core™ 5 processor 213PTE	45W	8		-	2.1GHz	-	5.2GHz	
Intel® Core™ 5 processor 211E	65W	10	16	-	2.7GHz	2.0GHz	4.9GHz	
Intel® Core™ 5 processor 211TE	45W	10	16	-	1.7GHz	1.3GHz	4.8GHz	
Intel® Core™ 3 processor 201E	65W	4	8	-	3.6GHz	-	4.8GHz	
Intel® Core™ 3 processor 201TE	45W	4	8	-	2.9GHz	-	4.6GHz	
Intel® Core™ i9 processor 14901KE	125W	8	16	-	3.8GHz	-	5.8GHz	
Intel® Core™ i9 processor 14901E	65W	8	16	-	2.8GHz	-	5.6GHz	
Intel® Core™ i9 processor 14901TE	45W	8	16	-	2.3GHz	-	5.5GHz	
Intel® Core™ i7 processor 14701E	65W	8	16	-	2.6GHz	-	5.4GHz	
Intel® Core™ i7 processor 14701TE	45W	8	16	-	2.1GHz	-	5.2GHz	
Intel® Core™ i5 processor 14501E	65W	6	12	-	3.3GHz	-	5.2GHz	
Intel® Core™ i5 processor 14501TE	45W	6	12	-	2.2GHz	-	5.1GHz	
Intel® Core™ i5 processor 14401E	65W	6	12	-	2.5GHz	-	4.7GHz	
Intel® Core™ i5 processor 14401TE	45W	6	12	-	2.0GHz	-	4.5GHz	
Intel® Core™ i9 processor 14900K	125W	24	32	-	3.2GHz	2.4GHz	6.0GHz	
Intel® Core™ i9 processor 14900	65W	24	32	-	2.0GHz	1.5GHz	5.8GHz	V
Intel® Core™ i9 processor 14900T	35W	24	32	-	1.1GHz	0.8GHz	5.5GHz	V
Intel® Core™ i7 processor 14700	65W	20	28	-	2.1GHz	1.5GHz	5.4GHz	V
Intel® Core™ i7 processor 14700T	35W	20	28	-	1.3GHz	0.9GHz	5.2GHz	V
Intel® Core™ i5 processor 14500	65W	14	20	-	2.6GHz	1.9GHz	5.0GHz	V
Intel® Core™ i5 processor 14500T	35W	14	20	-	1.7GHz	1.2GHz	4.8GHz	V
Intel® Core™ i5 processor 14400	65W	10	16	-	2.5GHz	1.8GHz	4.7GHz	V
Intel® Core™ i5 processor 14400T	35W	10	16	-	1.5GHz	1.1GHz	4.5GHz	V

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CPU列表

英特尔® 台式机处理器

SKUs (with Intel ARK Link)	TDP (W)	Total Cores	Total Threads	Processor Base Frequency	Performance-core Base Frequency	Efficient-core Base Frequency	Max Turbo Frequency	BC680R
Intel® Core™ i3 Processor 14100	60W	4	8	-	3.5GHz	-	4.7GHz	V
Intel® Core™ i3 Processor 14100T	35W	4	8	-	2.7GHz	-	4.4GHz	V
Intel® Processor 300	46W	2	4	-	3.9GHz	-	3.9GHz	V
Intel® Processor 300T	35W	2	4	-	3.4GHz	-	3.4GHz	V
Intel® Core™ i9-13900K Processor	125W	24	32	-	3.0GHz	2.2GHz	5.8GHz	
Intel® Core™ i9-13900 Processor	65W	24	32	-	2.0GHz	1.5GHz	5.6GHz	V
Intel® Core™ i9-13900E Processor	65W	24	32	1.8GHz	1.8GHz	1.3GHz	5.2GHz	V
Intel® Core™ i9-13900TE Processor	35W	24	32	1.0GHz	1.0GHz	0.8GHz	5.0GHz	V
Intel® Core™ i7-13700 Processor	65W	16	24	-	2.1GHz	1.5GHz	5.2GHz	V
Intel® Core™ i7-13700E Processor	65W	16	24	1.9GHz	1.9GHz	1.3GHz	5.1GHz	V
Intel® Core™ i7-13700T Processor	35W	16	24	-	1.4GHz	1.0GHz	4.9GHz	V
Intel® Core™ i7-13700TE Processor	35W	16	24	-	1.1GHz	0.8GHz	4.8GHz	V
Intel® Core™ i5-13500 Processor	65W	14	20	-	2.5GHz	1.8GHz	4.8GHz	V
Intel® Core™ i5-13500E Processor	65W	14	20	2.4GHz	2.4GHz	1.5GHz	4.6GHz	V
Intel® Core™ i5-13500T Processor	35W	14	20	-	1.6GHz	1.2GHz	4.6GHz	V
Intel® Core™ i5-13500TE Processor	35W	14	20	1.3GHz	1.3GHz	1.1GHz	4.5GHz	V
Intel® Core™ i5-13400 Processor	65W	10	16	-	2.5GHz	1.8GHz	4.6GHz	V
Intel® Core™ i5-13400E Processor	65W	10	16	2.4GHz	2.4GHz	1.5GHz	4.6GHz	V
Intel® Core™ i3-13100 Processor	60W	4	8	-	3.4GHz	-	4.5GHz	V
Intel® Core™ i3-13100F Processor	58W	4	8	-	3.4GHz	-	4.5GHz	
Intel® Core™ i3-13100T Processor	35W	4	8	-	2.5GHz	-	4.2GHz	V
Intel® Core™ i3-13100TE Processor	35W	4	8	2.4GHz	2.4GHz	-	4.1GHz	V
Intel® Core™ i3-13100E Processor	60W	4	8	3.3GHz	3.3GHz	-	4.4GHz	V
Intel® Core™ i9-12900K Processor	125W	16	24	-	3.2GHz	2.4GHz	5.2GHz	
Intel® Core™ i9-12900 Processor	65W	16	24	-	2.4GHz	1.8GHz	5.1GHz	V
Intel® Core™ i9-12900E Processor	65W	16	24	-	2.3GHz	1.7GHz	5.0GHz	V
Intel® Core™ i9-12900TE Processor	35W	16	24	-	1.1GHz	1.0GHz	4.8GHz	V
Intel® Core™ i7-12700 Processor	65W	12	20	-	2.1GHz	1.6GHz	4.9GHz	V
Intel® Core™ i7-12700E Processor	65W	12	20	-	2.1GHz	1.6GHz	4.8GHz	V
Intel® Core™ i7-12700TE Processor	35W	12	20	-	1.4GHz	1.0GHz	4.6GHz	V
Intel® Core™ i5-12500 Processor	65W	6	12	-	3.0GHz	-	4.6GHz	V
Intel® Core™ i5-12500E Processor	65W	6	12	-	2.9GHz	-	4.5GHz	V
Intel® Core™ i5-12500TE Processor	35W	6	12	-	1.9GHz	-	4.3GHz	V
Intel® Core™ i5-12400 Processor	65W	6	12	-	2.5GHz	-	4.4GHz	V
Intel® Core™ i3-12100 Processor	60W	4	8	-	3.3GHz	-	4.3GHz	V
Intel® Core™ i3-12100E Processor	60W	4	8	-	3.2GHz	-	4.2GHz	V
Intel® Core™ i3-12100TE Processor	35W	4	8	-	2.1GHz	-	4.0GHz	V
Intel® Pentium® Gold G7400E Processor	46W	2	4	-	3.6GHz	-	-	V
Intel® Pentium® Gold G7400TE Processor	35W	2	4	-	3.0GHz	-	-	V
Intel® Pentium® Gold G7400 Processor	46W	2	4	-	3.7GHz	-	-	
Intel® Pentium® Gold G7400T Processor	35W	2	4	-	3.1GHz	-	-	
Intel® Celeron® Processor G6900	46W	2	2	-	3.4GHz	-	-	
Intel® Celeron® Processor G6900T	35W	2	2	-	2.8GHz	-	-	
Intel® Celeron® Processor G6900E	46W	2	2	-	3.0GHz	-	-	V
Intel® Celeron® Processor G6900TE	35W	2	2	-	2.4GHz	-	-	V

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CPU列表

英特尔® 台式机处理器

SKUs (with Intel ARK Link)	TDP (W)	Total Cores	Total Threads	Processor Base Frequency	Performance-core Base Frequency	Efficient-core Base Frequency	Max Turbo Frequency	BC680R
Intel® Xeon® W-1290P Processor	125W	10	20	3.7GHz	-	-	5.3GHz	
Intel® Xeon® W-1290 Processor	80W	10	20	3.2GHz	-	-	5.2GHz	
Intel® Xeon® W-1270P Processor	125W	8	16	3.8GHz	-	-	5.1GHz	
Intel® Xeon® W-1270 Processor	80W	8	16	3.4GHz	-	-	5.0GHz	
Intel® Xeon® W-1250P Processor	125W	6	12	4.1GHz	-	-	4.8GHz	
Intel® Xeon® W-1290T Processor	35W	10	20	1.9GHz	-	-	4.7GHz	
Intel® Xeon® W-1290E Processor	95W	10	20	3.5GHz	-	-	4.8GHz	
Intel® Xeon® W-1270E Processor	80W	8	16	3.4GHz	-	-	4.8GHz	
Intel® Xeon® W-1250E Processor	80W	6	12	3.5GHz	-	-	4.7GHz	
Intel® Xeon® W-1250TE Processor	35W	6	12	2.4GHz	-	-	3.8GHz	
Intel® Xeon® W-1270TE Processor	35W	8	16	2.0GHz	-	-	4.4GHz	
Intel® Xeon® W-1290TE Processor	35W	10	20	1.8GHz	-	-	4.5GHz	
Intel® Xeon® W-1250 Processor	80W	6	12	3.3GHz	-	-	4.7GHz	
Intel® Xeon® W-10855M Processor	45W	6	12	2.8GHz	-	-	5.1GHz	
Intel® Xeon® W-10885M Processor	45W	8	16	2.4GHz	-	-	5.3GHz	
Intel® Core™ i9-10850K Processor	125W	10	20	3.6GHz	-	-	5.2GHz	
Intel® Core™ i9-10885H Processor	45W	8	16	2.4GHz	-	-	5.3GHz	
Intel® Core™ i9-10900TE Processor	35W	10	20	1.8GHz	-	-	4.5GHz	
Intel® Core™ i9-10900E Processor	65W	10	20	2.8GHz	-	-	4.7GHz	
Intel® Core™ i9-10900T Processor	35W	10	20	1.9GHz	-	-	4.6GHz	
Intel® Core™ i9-10900 Processor	65W	10	20	2.8GHz	-	-	5.2GHz	
Intel® Core™ i9-10900F Processor	65W	10	20	2.8GHz	-	-	5.2GHz	
Intel® Core™ i9-10900KF Processor	125W	10	20	3.7GHz	-	-	5.3GHz	
Intel® Core™ i9-10900K Processor	125W	10	20	3.7GHz	-	-	5.3GHz	
Intel® Core™ i9-10980HK Processor	45W	8	16	2.4GHz	-	-	5.3GHz	
Intel® Core™ i7-10870H Processor	45W	8	16	2.2GHz	-	-	5.0GHz	
Intel® Core™ i7-10610U Processor	15W	4	8	1.8GHz	-	-	4.9GHz	
Intel® Core™ i7-10810U Processor	15W	6	12	1.1GHz	-	-	4.9GHz	
Intel® Core™ i7-10700TE Processor	35W	8	16	2.0GHz	-	-	4.4GHz	
Intel® Core™ i7-10700E Processor	65W	8	16	2.9GHz	-	-	4.5GHz	
Intel® Core™ i7-10700F Processor	65W	8	16	2.9GHz	-	-	4.8GHz	
Intel® Core™ i7-10700KF Processor	125W	8	16	3.8GHz	-	-	5.1GHz	
Intel® Core™ i7-10700K Processor	125W	8	16	3.8GHz	-	-	5.1GHz	
Intel® Core™ i7-10700T Processor	35W	8	16	2.0GHz	-	-	4.5GHz	
Intel® Core™ i7-10700 Processor	65W	8	16	2.9GHz	-	-	4.8GHz	
Intel® Core™ i7-10850H Processor	45W	8	12	2.7GHz	-	-	5.1GHz	
Intel® Core™ i7-10875H Processor	45W	8	16	2.3GHz	-	-	5.1GHz	
Intel® Core™ i7-10750H Processor	45W	6	12	2.6GHz	-	-	5.0GHz	
Intel® Core™ i7-10710U Processor	15W	6	12	1.1GHz	-	-	4.7GHz	
Intel® Core™ i7-10510U Processor	15W	4	8	1.8GHz	-	-	4.9GHz	
Intel® Core™ i5-10505 Processor	65W	6	12	3.2GHz	-	-	4.6GHz	
Intel® Core™ i5-10500H Processor	45W	6	12	2.5GHz	-	-	4.5GHz	
Intel® Core™ i5-10200H Processor	45W	4	8	2.4GHz	-	-	4.1GHz	
Intel® Core™ i5-10310U Processor	15W	4	8	1.7GHz	-	-	4.4GHz	
Intel® Core™ i5-10500TE Processor	35W	6	12	2.3GHz	-	-	3.7GHz	

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CPU列表

英特尔® 台式机处理器

SKUs (with Intel ARK Link)	TDP (W)	Total Cores	Total Threads	Processor Base Frequency	Performance-core Base Frequency	Efficient-core Base Frequency	Max Turbo Frequency	BC680R
Intel® Core™ i5-10500E Processor	65W	6	12	3.1GHz	-	-	4.2GHz	
Intel® Core™ i5-10600K Processor	125W	6	12	4.1GHz	-	-	4.8GHz	
Intel® Core™ i5-10600KF Processor	125W	6	12	4.1GHz	-	-	4.8GHz	
Intel® Core™ i5-10600T Processor	35W	6	12	2.4GHz	-	-	4.0GHz	
Intel® Core™ i5-10500T Processor	35W	6	12	2.3GHz	-	-	3.8GHz	
Intel® Core™ i5-10400T Processor	35W	6	12	2.0GHz	-	-	3.6GHz	
Intel® Core™ i5-10500 Processor	65W	6	12	3.1GHz	-	-	4.5GHz	
Intel® Core™ i5-10400F Processor	65W	6	12	2.9GHz	-	-	4.3GHz	
Intel® Core™ i5-10400 Processor	65W	6	12	2.9GHz	-	-	4.3GHz	
Intel® Core™ i5-10600 Processor	65W	6	12	3.3GHz	-	-	4.8GHz	
Intel® Core™ i5-10400H Processor	45W	4	8	2.6GHz	-	-	4.6GHz	
Intel® Core™ i5-10300H Processor	45W	4	8	2.5GHz	-	-	4.5GHz	
Intel® Core™ i5-10210U Processor	15W	4	8	1.6GHz	-	-	4.2GHz	
Intel® Core™ i3-10105F Processor	65W	4	8	3.7GHz	-	-	4.4GHz	
Intel® Core™ i3-10325 Processor	65W	4	8	3.9GHz	-	-	4.7GHz	
Intel® Core™ i3-10105T Processor	35W	4	8	3.0GHz	-	-	3.9GHz	
Intel® Core™ i3-10305T Processor	35W	4	8	3.0GHz	-	-	4.0GHz	
Intel® Core™ i3-10305 Processor	65W	4	8	3.8GHz	-	-	4.5GHz	
Intel® Core™ i3-10105 Processor	65W	4	8	3.7GHz	-	-	4.4GHz	
Intel® Core™ i3-10100F Processor	65W	4	8	3.6GHz	-	-	4.3GHz	
Intel® Core™ i3-10100E Processor	65W	4	8	3.2GHz	-	-	3.8GHz	
Intel® Core™ i3-10100TE Processor	35W	4	8	2.3GHz	-	-	3.6GHz	
Intel® Core™ i3-10320 Processor	65W	4	8	3.8GHz	-	-	4.6GHz	
Intel® Core™ i3-10300 Processor	65W	4	8	3.7GHz	-	-	4.4GHz	
Intel® Core™ i3-10300T Processor	35W	4	8	3.0GHz	-	-	3.9GHz	
Intel® Core™ i3-10100 Processor	65W	4	8	3.6GHz	-	-	4.3GHz	
Intel® Core™ i3-10100T Processor	35W	4	8	3.0GHz	-	-	3.8GHz	
Intel® Core™ i3-10110U Processor	15W	2	4	2.1GHz	-	-	4.1GHz	
Intel® Pentium® Gold G6405T Processor	35W	2	4	3.5GHz	-	-	-	
Intel® Pentium® Gold G6405 Processor	58W	2	4	4.1GHz	-	-	-	
Intel® Pentium® Gold G6505 Processor	58W	2	4	4.2GHz	-	-	-	
Intel® Pentium® Gold G6505T Processor	35W	2	4	3.6GHz	-	-	-	
Intel® Pentium® Gold G6605 Processor	58W	2	4	4.3GHz	-	-	-	
Intel® Pentium® Gold G6400E Processor	58W	2	4	3.8GHz	-	-	-	
Intel® Pentium® Gold G6400TE Processor	35W	2	4	3.2GHz	-	-	-	
Intel® Pentium® Gold G6500 Processor	58W	2	4	4.1GHz	-	-	-	
Intel® Pentium® Gold G6400 Processor	58W	2	4	4.0GHz	-	-	-	
Intel® Pentium® Gold G6400T Processor	35W	2	4	3.4GHz	-	-	-	
Intel® Pentium® Gold G6600 Processor	58W	2	4	4.2GHz	-	-	-	
Intel® Pentium® Gold G6500T Processor	35W	2	4	3.5GHz	-	-	-	
Intel® Pentium® Gold 6405U Processor	15W	2	4	2.4GHz	-	-	-	
Intel® Celeron® Processor G5905	58W	2	2	3.5GHz	-	-	-	
Intel® Celeron® Processor G5905T	35W	2	2	3.3GHz	-	-	-	
Intel® Celeron® Processor G5925	58W	2	2	3.6GHz	-	-	-	
Intel® Celeron® Processor G5900E	58W	2	2	3.2GHz	-	-	-	
Intel® Celeron® Processor G5900TE	35W	2	2	3.0GHz	-	-	-	

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CPU列表

英特尔® 台式机处理器

SKUs (with Intel ARK Link)	TDP (W)	Total Cores	Total Threads	Processor Base Frequency	Performance-core Base Frequency	Efficient-core Base Frequency	Max Turbo Frequency	BC680R
Intel® Celeron® Processor G5900	58W	2	2	3.4GHz	-	-	-	
Intel® Celeron® Processor G5920	58W	2	2	3.5GHz	-	-	-	
Intel® Celeron® Processor G5900T	35W	2	2	3.2GHz	-	-	-	
Intel® Celeron® Processor 5305U	15W	2	2	2.3GHz	-	-	-	
Intel® Celeron® Processor 5205U	15W	2	2	1.9GHz	-	-	-	
Intel® Xeon® E-2278GE Processor	80W	8	16	3.3GHz	-	-	4.7GHz	
Intel® Xeon® E-2278GEL Processor	35W	8	16	2.0GHz	-	-	3.9GHz	
Intel® Xeon® E-2226GE Processor	80W	6	6	3.4GHz	-	-	4.6GHz	
Intel® Xeon® E-2124G Processor	71W	4	4	3.4GHz	-	-	4.5GHz	
Intel® Xeon® E-2176G Processor	80W	6	12	3.7GHz	-	-	4.7GHz	
Intel® Core™ i7-9700TE Processor	35W	8	8	1.8GHz	-	-	3.8GHz	
Intel® Core™ i7-9700E Processor	65W	8	8	2.6GHz	-	-	4.4GHz	
Intel® Core™ i7-8700T Processor	35 W	6	12	2.4GHz	-	-	4.0GHz	
Intel® Core™ i7-8700 Processor	65W	6	12	3.2GHz	-	-	4.6GHz	
Intel® Core™ i5-9500TE Processor	35W	6	6	2.2GHz	-	-	3.6GHz	
Intel® Core™ i5-9500E Processor	65W	6	6	3.0GHz	-	-	4.2GHz	
Intel® Core™ i5-8500T Processor	35W	6	6	2.1GHz	-	-	3.5GHz	
Intel® Core™ i5-8500 Processor	65 W	6	6	3.0GHz	-	-	4.1GHz	
Intel® Core™ i3-9100TE Processor	35W	4	4	2.2GHz	-	-	3.2GHz	
Intel® Core™ i3-9100E Processor	65W	4	4	3.1GHz	-	-	3.7GHz	
Intel® Core™ i3-8100T Processor	35W	4	4	3.1GHz	-	-	-	
Intel® Core™ i3-8100 Processor	65W	4	4	3.6GHz	-	-	-	
Intel® Celeron® G4900 Processor	54W	2	2	3.1GHz	-	-	-	
Intel® Celeron® G4900T Processor	35W	2	2	2.9GHz	-	-	-	
Intel® Pentium® Gold G5400 Processor	58W	2	4	3.7GHz	-	-	-	
Intel® Pentium® Gold G5400T Processor	35W	2	4	3.1GHz	-	-	-	

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CPU列表

Mobile: 英特尔® 酷睿™ Ultra处理器, 英特尔® 酷睿™ 处理器, 英特尔® 处理器, 英特尔® 处理器U系列, 英特尔® 赛扬® 处理器6000系列

SKUs (with Intel ARK Link)	TDP (W)	Total Cores	Total Threads	Processor Base Frequency	Performance-core Base Frequency	Efficient-core Base Frequency	Max Turbo Frequency	EMX-MTLP
Intel® Core™ Ultra 9 Processor 285H	45W	16	16	-	2.9GHz	2.7GHz	5.4GHz	
Intel® Core™ Ultra 7 Processor 265H	28W	16	16	-	2.2GHz	1.7GHz	5.3GHz	
Intel® Core™ Ultra 7 Processor 265U	15W	12	14	-	2.1GHz	1.7GHz	5.3GHz	
Intel® Core™ Ultra 7 Processor 255U	15W	12	14	-	2.0GHz	1.7GHz	5.2GHz	
Intel® Core™ Ultra 7 Processor 255H	28W	16	16	-	2.0GHz	1.5GHz	5.1GHz	
Intel® Core™ Ultra 5 Processor 235H	28W	14	14	-	2.4GHz	1.8GHz	5.0GHz	
Intel® Core™ Ultra 5 Processor 235U	15W	12	14	-	2.0GHz	1.6GHz	4.9GHz	
Intel® Core™ Ultra 5 Processor 225H	28W	14	14	-	1.7GHz	1.3GHz	4.9GHz	
Intel® Core™ Ultra 5 Processor 225U	15W	12	14	-	1.5GHz	1.3GHz	4.8GHz	
Intel® Core™ Ultra 7 Processor 165H	28W	16	22	-	1.4GHz	0.9GHz	5.0GHz	V
Intel® Core™ Ultra 7 Processor 155H	28W	16	22	-	1.4GHz	0.9GHz	4.8GHz	V
Intel® Core™ Ultra 5 Processor 135H	28W	14	18	-	1.7GHz	1.2GHz	4.6GHz	V
Intel® Core™ Ultra 5 Processor 125H	28W	14	18	-	1.2GHz	0.7GHz	4.5GHz	V
Intel® Core™ Ultra 7 Processor 165U	15W	12	14	-	1.7GHz	1.2GHz	4.9GHz	V
Intel® Core™ Ultra 7 Processor 155U	15W	12	14	-	1.7GHz	1.2GHz	4.8GHz	V
Intel® Core™ Ultra 5 Processor 135U	15W	12	14	-	1.6GHz	1.1GHz	4.4GHz	V
Intel® Core™ Ultra 5 Processor 125U	15W	12	14	-	1.3GHz	0.8GHz	4.3GHz	V
Intel® Core™ i7-1365UE Processor	15W	10	12	1.7GHz	-	-	4.9GHz	
Intel® Core™ i5-1345UE Processor	15W	10	12	1.4GHz	-	-	4.6GHz	
Intel® Core™ i5-1335UE Processor	15W	10	12	1.3GHz	-	-	4.5GHz	
Intel® Core™ i3-1315UE Processor	15W	6	8	1.2GHz	-	-	4.5GHz	
Intel® Processor U300E	15W	5	6	1.1GHz	-	-	4.3GHz	
Intel® Core™ i7-13800HE Processor	45W	14	20	2.5GHz	-	-	5.0GHz	
Intel® Core™ i5-13600HE Processor	45W	12	16	2.7GHz	-	-	4.8GHz	
Intel® Core™ i3-13300HE Processor	45W	8	12	2.1GHz	-	-	4.6GHz	
Intel® Core™ i7-1365URE Processor	15W	10	12	1.7GHz	-	-	4.9GHz	
Intel® Core™ i5-1345URE Processor	15W	10	12	1.4GHz	-	-	4.6GHz	
Intel® Core™ i3-1315URE Processor	15W	6	8	1.2GHz	-	-	4.5GHz	
Intel® Core™ i7-1370PE Processor	28W	14	20	1.9GHz	-	-	4.8GHz	
Intel® Core™ i5-1350PE Processor	28W	12	16	1.8GHz	-	-	4.6GHz	
Intel® Core™ i5-1340PE Processor	28W	12	16	1.8GHz	-	-	4.5GHz	
Intel® Core™ i3-1320PE Processor	28W	8	12	1.7GHz	-	-	4.5GHz	
Intel® Core™ i7-1370PRE Processor	28W	14	20	1.9GHz	-	-	4.8GHz	
Intel® Core™ i5-1350PRE Processor	28W	12	16	1.8GHz	-	-	4.6GHz	
Intel® Core™ i3-1320PRE Processor	28W	8	12	1.7GHz	-	-	4.5GHz	
Intel® Core™ i5-13600HRE Processor	45W	12	16	2.7GHz	-	-	4.8GHz	
Intel® Core™ i7-13800HRE Processor	45W	14	20	2.5GHz	-	-	5.0GHz	
Intel® Core™ i5-13600HRE Processor	45W	12	16	2.7GHz	-	-	4.8GHz	
Intel® Core™ i3-13300HRE Processor	45W	8	12	2.1GHz	-	-	4.6GHz	
Intel® Core™ i9-11980HK Processor	45W	8	16	2.6GHz*	-	-	5.0GHz	
Intel® Core™ i9-11950H Processor	45W	8	16	2.1GHz*	-	-	5.0GHz	

CPU information is based on Intel ARK, subject to change by Intel without notice.

Please note the board specifications might not comply with Intel Cores/Threads/Frequency, but depending on Avalue board specifications.

*=> Configurable TDP-down Base Frequency

CPU列表

Mobile:英特尔® 酷睿™ Ultra处理器, 英特尔® 酷睿™ 处理器, 英特尔® 处理器, 英特尔® 处理器U系列, 英特尔® 赛扬® 处理器6000系列

SKUs (with Intel ARK Link)	TDP (W)	Total Cores	Total Threads	Processor Base Frequency	Performance-core Base Frequency	Efficient-core Base Frequency	Max Turbo Frequency	EMX-MTLP
Intel® Core™ i7-11800H Processor	45W	8	16	1.9GHz*	-	-	4.6GHz	
Intel® Core™ i5-11400H Processor	45W	6	12	2.2GHz*	-	-	4.5GHz	
Intel® Core™ i5-11260H Processor	45W	6	12	2.1GHz*	-	-	4.4GHz	
Intel® Core™ i7-1185G7 Processor	12-28W	4	8	1.2GHz*	-	-	4.8GHz	
Intel® Core™ i7-1185G7E Processor	12-28W	4	8	1.8GHz	-	-	4.4GHz	
Intel® Core™ i7-1185GRE Processor	12-28W	4	8	1.8GHz	-	-	4.4GHz	
Intel® Core™ i5-1145G7E Processor	12-28W	4	8	1.5GHz	-	-	4.1GHz	
Intel® Core™ i5-1145GRE Processor	12-28W	4	8	1.5GHz	-	-	4.1GHz	
Intel® Core™ i3-1115G4E Processor	12-28W	2	4	2.2GHz	-	-	3.9GHz	
Intel® Core™ i3-1115GRE Processor	12-28W	2	4	2.2GHz	-	-	3.9GHz	
Intel® Pentium® Gold 7505 Processor	15W	2	4	2.0GHz*	-	-	3.5GHz	
Intel® Celeron® 6305 Processor	15W	2	2	1.8GHz*	-	-	-	
Intel® Celeron® 6305E Processor	15W	2	2	1.8GHz	-	-	-	
Intel® Core™ i7-11850HE Processor	45W	8	16	2.1GHz*	-	-	4.7GHz	
Intel® Core™ i5-11500HE Processor	45W	6	12	2.1GHz*	-	-	4.5GHz	
Intel® Core™ i3-11100HE Processor	45W	4	8	1.9GHz*	-	-	4.4GHz	
Intel® Celeron® 6600HE Processor	35W	2	2	2.6GHz*	-	-	-	
Intel® Xeon® W-11865MRE Processor	45W	8	16	2.1GHz*	-	-	4.7GHz	
Intel® Xeon® W-11155MRE Processor	45W	4	8	1.9GHz*	-	-	4.4GHz	
Intel® Core™ i7-8569U Processor	28W	4	8	2.8GHz	-	-	4.7GHz	
Intel® Core™ i7-8559U Processor	28W	4	8	2.7GHz	-	-	4.5GHz	
Intel® Core™ i5-8279U Processor	28W	4	8	2.4GHz	-	-	4.1GHz	
Intel® Core™ i5-8259U Processor	28W	4	8	2.3GHz	-	-	3.8GHz	
Intel® Core™ i5-8269U Processor	28W	4	8	2.6GHz	-	-	4.2GHz	
Intel® Core™ i3-8109U Processor	28W	2	4	3.0GHz	-	-	3.6GHz	
Intel® Xeon® E-2276ML Processor	25W	6	12	2.0GHz	-	-	4.2GHz	
Intel® Xeon® E-2254ML Processor	25W	4	8	1.7GHz	-	-	3.5GHz	
Intel® Core™ i7-9850H Processor	25W	6	12	1.9GHz	-	-	4.1GHz	
Intel® Core™ i3-9100H Processor	25W	4	4	1.6GHz	-	-	2.9GHz	
Intel® Celeron® Processor G4932E	25W	2	2	1.9GHz	-	-	1.9GHz	
Intel® Core™ i7-8557U Processor	15W	4	8	1.7GHz	-	-	4.5GHz	
Intel® Core™ i5-8260U Processor	15W	4	8	1.6GHz	-	-	3.9GHz	
Intel® Core™ i5-8257U Processor	15W	4	8	1.4GHz	-	-	3.9GHz	
Intel® Core™ i3-8140U Processor	15W	2	4	2.1GHz	-	-	3.9GHz	

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*=> Configurable TDP-down Base Frequency

CPU列表

Atom: 英特尔® 凌动® 处理器, 英特尔® 奔腾® 处理器J/N系列, 英特尔® 赛扬® 处理器J/N系列

SKUs (with Intel ARK Link)	TDP (W)	Total Cores	Total Threads	Processor Base Frequency	Performance-Core Base Frequency	Efficient-Core Base Frequency	Max Turbo Frequency	EMX-TWLP	EMX-ASLP	EMX-EHLP	ECM-TWL
Intel® Core™ 3-N355 Processor	15W	8	8	-	-	-	3.9GHz	V			V
Intel® Core™ 3-N350 Processor	7W	8	8	-	-	-	3.9GHz				
Intel® Processor N250	6W	4	4	-	-	-	3.8GHz	V			V
Intel® Processor N150	6W	4	4	-	-	-	3.6GHz	V			V
Intel Atom® x7835RE Processor	12W	8	-	1.3GHz	-	-	3.6GHz		V		
Intel Atom® x7433RE Processor	9W	4	-	1.5GHz	-	-	3.4GHz		V		
Intel Atom® x7213RE Processor	9W	2	-	1.7GHz	-	-	3.4GHz		V		
Intel Atom® x7211RE Processor	9W	2	-	1.0GHz	-	-	3.2GHz		V		
Intel® Core™ i3-N305 Processor	15W	8	8	1.0GHz	-	-	3.8GHz		V		
Intel® Processor N200	6W	4	4	1.0GHz	-	-	3.7GHz				
Intel® Processor N97	6W	4	-	2.0GHz	-	-	3.6GHz		V		
Intel® Processor N50	6W	2	-	1.0GHz	-	-	3.4GHz				
Intel Atom® x6425RE Processor	12 W	4	4	1.9GHz	-	-	-			V	
Intel Atom® x6416RE Processor	9 W	4	4	1.7GHz	-	-	-				
Intel Atom® x6214RE Processor	6 W	2	2	1.4GHz	-	-	-				
Intel Atom® x6414RE Processor	9 W	4	4	1.5GHz	-	-	-				
Intel Atom® x6212RE Processor	6 W	2	2	1.2GHz	-	-	-				
Intel Atom® x6427FE Processor	12 W	4	4	1.9GHz	-	-	-				
Intel Atom® x6200FE Processor	4.5 W	2	2	1.0GHz	-	-	-				
Intel Atom® x6425E Processor	12 W	4	4	2.0GHz	-	-	-				
Intel Atom® x6413E Processor	9 W	4	4	1.5GHz	-	-	-			V	
Intel Atom® x6211E Processor	6 W	2	2	1.3GHz	-	-	-				
Intel® Pentium® Processor J6426	10 W	4	4	2.0GHz	-	-	-				
Intel® Celeron® Processor J6412	10 W	4	4	2.0GHz	-	-	-			V	
Intel® Celeron® Processor J6413	10 W	4	4	1.8GHz	-	-	-			V	
Intel® Pentium® Processor N6415	6.5 W	4	4	1.2GHz	-	-	-				
Intel® Celeron® Processor N6210	6.5 W	2	2	1.2GHz	-	-	-				
Intel® Celeron® Processor N6211	6.5 W	2	2	1.2GHz	-	-	-				
Intel Atom® x7-E3950 Processor	12 W	4	4	1.6GHz	-	-	-				
Intel Atom® x5-E3940 Processor	9.5 W	4	4	1.6GHz	-	-	-				
Intel Atom® x5-E3930 Processor	6.5 W	2	2	1.3GHz	-	-	-				
Intel® Pentium® Processor J4205	10 W	4	4	1.5GHz	-	-	-				
Intel® Celeron® Processor J3455E	10 W	4	4	1.5GHz	-	-	-				
Intel® Celeron® Processor J3455	10 W	4	4	1.5GHz	-	-	-				
Intel® Celeron® Processor J3355E	10 W	2	2	2.5GHz	-	-	-				
Intel® Celeron® Processor J3355	10 W	2	2	2.0GHz	-	-	-				
Intel® Pentium® Processor N4200E	6 W	4	4	1.1GHz	-	-	-				
Intel® Pentium® Processor N4200	6 W	4	4	1.1GHz	-	-	-				
Intel® Celeron® Processor N3450	6 W	4	4	1.1GHz	-	-	-				
Intel® Celeron® Processor N3350E	6 W	2	2	1.1GHz	-	-	-				
Intel® Celeron® Processor N3350	6 W	2	2	1.1GHz	-	-	-				

CPU information is based on Intel ARK, subject to change by Intel without notice.

Please note the board specifications might not comply with Intel Cores/Threads/Frequency, but depending on Avalue board specifications.

嵌入式外围设备



安勤提供的嵌入式外设和配件能够满足构建系统或解决方案的全方位需求。其丰富的产品线涵盖了电源板、显示板、I/O 通信接口等多种组件。

如果标准产品无法满足特定需求,安勤的采购团队还可以根据客户的指定供应商和产品规格,帮助寻找所需的任何部件。

简而言之,我们的最终目标是为客户提供最高效的服务、最优质的产品以及最短的交货期。

嵌入式外围设备		
No	嵌入式外围设备	Description
1	电源板	EPM-1712 Vehicle 100Watt Smart DC/DC Converter
		EPM-1715 Super Cap Power Module
		EPM-1721 Railway 60W Power Board
		EPM-1722 DC to DC 60W Marine Power Module
2	显示板	EPM-1502 eDP to VGA Converter
3	I/O板	EPM-1601 mPCIe to 4-RS-232 Module
		EPM-1602 mPCIe to 4-RS-422/485 Module
		EPM-1603 USB to 4-RS-232/422/485 Module
		EPM-1604 4 Port USB 2.0 Hub
		EPM-1605 USB to mPCIe Module
		EPM-1606 mPCIe to M.2 Transfer Board
		EPM-1607 M.2 2242/2260/2280 to 4-RS-232 Module
		EPM-1608 M.2 2242/2260/2280 Dual 2.5 GbE LAN Module
		EPM-1609 M.2 2280 B/M Key 2.5GbE Module
4	工业存储	SSD: 2.5", mSATA, M.2, CFAST, CF, DOM HDD: 2.5", 3.5" M.2: 2242, 2280
5	工业模块	Type: SO-DIMM, Long-DIMM Capacity: Max. Up to 32GB Temperature: Standard or Industrial Temperature
6	Wi-Fi模块	Form Factor: mPCIe/ M.2 Bluetooth Supported
7	4G/ 5G模块	Type: 4G/ 5G Module Interface: mPCIe, M.2
8	采集卡	Mini SDI/ HDV Capture Card w/ H.264 High Profile Encoding
9	迷你LAN端口	2-port 10/100/1000 Ethernet Board
10	电源适配器	AC DC Adapter 60W/ 84W/ 120W/ 200W/ 220W
11	微软Windows 嵌入式操作系统	Avalue Provides Embedded Software to Customers Who Integrated Avalue's Hardware Products. Windows 10 IoT Enterprise Windows 11 IoT Enterprise



EPM-1502

eDP to VGA Converter

- Input Interface 40pin eDP Signal
- Output Interface DB-Sub VGA
- Industrial Temperature (W/T Temp. -40 ~ 85°C) Operation
- Support VESA and CEA Timing Standards Up to 1920 x 1200 @ 60Hz



EPM-1601

mPCIe to 4-RS-232 Module

- Input Interface PCI-Express. 2.0
- Output Interface 4 x RS-232
- Industrial Temperature (W/T Temp. -40 ~ 85°C) Operation
- Support Ring Wake Function (Optional)



EPM-1602

mPCIe to 4-RS-422/485 Module

- Input Interface PCI-Express. 2.0
- Output Interface 4 x RS-422/285
- Industrial Temperature (W/T Temp. -40 ~ 85°C) Operation
- Support Auto Flow Control
- Cable for mPCIe to Four DB-9 Connectors



EPM-1603

USB to 4-RS-232/422/485 Module

- Input Interface USB 2.0
- Output Interface 4 x RS232/422/485
- 2 x USB 2.0 w/ Type A Connector
- Industrial Temperature (W/T Temp. -40 ~ 85°C) Operation



EPM-1604

4-Port USB 2.0 Hub

- 4 x Port USB Hub, Open Bare-board Design
- 4 x Internal USB2.0 Type A Female Connector for Down Port
- 1 x Internal Wafer 2pin Connector for DC-input (+12V, Max 1A)
- Compliant with Universal Serial Bus Specification Revision 2.0 (Data Rate 1.5/12/480Mbps), USB 1.1 Compatible



EPM-1605

USB to mPCIe Module with USIM

- Input Interface USB 2.0
- Output Interface USB 2.0
- Operation Temperature : 0 ~ 60°C
- 1 x USIM Slot Expansion



EPM-1606

mPCIe to M.2 A/E key Transfer Board

- M.2 Wi-Fi & Bluetooth Module (PCIe and USB Base) to Mini PCIe Converter
- Support Windows, MAC and Linux
- Multiple Plated-holes Support M.2 Type 2230/2242
- Operating Temperature: -40 ~ 80°C



EPM-1607

M.2 2242/2260/2280 to 4-RS-232 Module

- Input Interface PCI-Express. 2.0
- Output Interface 4 x RS-232
- Support M.2 Type 2242/2260/2280 Plated-holes
- Industrial Temperature (W/T Temp. -40 ~ 85°C) Operation
- Support Ring Wake Function (Optional)



EPM-1608

M.2 2242/2260/2280 Dual 2.5 GbE LAN Module

- 3-in-1 form Factor 2280/2260/2242
- Ultrafast Transfer Speeds via 2-Native PCIe Lane
- Quickly Adds Two Independent Gigabit Ethernet Ports (with 2kV Isolation) to Embedded Systems
- Supports Wake-on LAN Ensures Unhindered Remoting



EPM-1609

M.2 2280 B/M Key 2.5GbE Module

- M.2 2280 B/M Key Support Max 2.5GbE Module
- Compact M.2 PCIe Ethernet Card with RJ-45 Connector on Board
- Support PCI Express x1-lane Host Interface
- Supports Wake-on LAN Ensures Unhindered Remoting
- Quickly Adds Single Independent Ethernet Ports to Embedded Systems



EPM-1712

Vehicle 100Watt Smart DC/DC Converter

- Wide Range DC Input: Typical 12/24Vdc (+9 ~ +36V)
- Intelligent System on/off Control via Jumper Setting
- 6 Selectable Power on/off Timing Modes
- Load Down/ Over Voltage/ Short Circuit/ Over Current Protection
- Battery Voltage Monitor



EPM-1715

Supercap Power Module

- 500'000 Charge & Discharge Cycling
- 4 x 400F Supercapacitor Up to 6-Cell and 8-Cell
- AP for the Parameter Selecting
- Wide Temperature Range: 0 ~ 60°C
- Wide DC Input: +12 ~ 24Vdc
- Over Temperature Protection



EPM-1721

Railway 60W Power Board

- Input to Output Isolation 1500Vdc
- Output Voltage 12Vdc
- Output Current 5000mA
- Wide Temperature Range: -40 ~ +85°C
- Wide DC Input: +9 ~ 36Vdc
- Over Voltage and Current Protection
- Certified with EN50155 and EN50121-3-2



EPM-1722

DC to DC 60W Marine Power Module

- Typical +24Vdc (+9Vdc ~ +36Vdc) w/1.5kV Isolation
- Output Voltage: 12Vdc
- Output Current: 5000mA
- Input to Output Isolation: 1500Vdc
- Operating temperature range: -40 ~ 85°C
- Support IEC60945
- Over Voltage Protection, Hiccup Mode
- Over Current Protection, Hiccup Mode



小尺寸模块化计算机 (COM) 为关键或工业应用提供可靠的嵌入式平台，具备即用性，能够帮助用户实现定制化，从而缩短项目周期和降低成本。

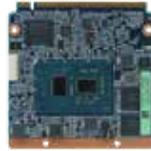
产品系列包括：

COM Express Type 6, COM Express Type 7, COM Express Type 10, Eval Carrier Board, Qseven, SMARC.

模块化主板

Qseven 模块	47
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COM Express Type 10	48
COM Express Type 6	48

评估测试载板	50
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开放标准模块	53



产品型号	EQM-EHL	EQM-APL
处理器	Intel® Atom™ x6000E / Celeron® / Pentium® SoC Processor	Intel® Pentium® / Celeron® Processor
系统内存	Onboard Single Channel LPDDR4 3200MHz 4GB (8GB for BOM Option)	Onboard DDR3L 1600 & 1333MHz 4GB (Up to 8GB)
扩展	4 x PCIe x1 Gen3	3 x PCIe x1
USB	8 x USB 2.0, 1 x USB 3.2 Gen1	6 x USB 2.0, 2 x USB 3.0
SATA	2 x SATA III	2 x SATA III
UART	1 x UART	1 x UART
MIO	1 x SMBus, 1 x LPC, 1 x I ² C, 1 x SPI, 1 x SD, 1 x SDIO	1 x SMBus, 1 x LPC, 1 x I ² C, 1 x SPI
显示芯片组	Intel® SoC CPU Integrated Intel® UHD Gen11 LP Graphics	Intel® Apollo Lake Integrated Graphics
显示	1 x DP/ HDMI, 1 x LVDS/ eDP	1 x HDMI/ DP, 1 x LVDS/ eDP
音频	Intel® HD Audio Integrated in SoC	Intel® HD Audio Integrated on CPU
以太网芯片组	1 x Intel® I226LM/IT	1 x Intel® I210AT
电源信息	+5V	+5V
工作温度	0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 85°C (-40°F ~ 185°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F) (N4200/N3350)
尺寸(长 x 宽)	2.75" x 2.75" (70 x 70 mm)	2.75" x 2.75" (70 x 70 mm)
软件支持	Win 10, Win 11 IoT Enterprise (64-bit), Linux	Win 10, Linux, Android

产品型号	ESM-HRPL
处理器	Intel® LGA1700 Socket Supports 12/13/14th Gen Intel® Core™ Processor, Supports TDP Up to 65W
系统内存	4 x 282-pin DDR5 S0-DIMM 3600MHz Supports Up to 128GB, Optional ECC Supports (CPU Depending)
扩展	1 x PCIe x16 Gen5 1 x PEG x4 Gen4 3 x PCIe x4 Gen4 2 x PCIe x4 Gen3 (from PCH) 1 x PCIe x1 Gen3 for BMC (Owned by Carrier Board)
USB	8 x USB 2.0, 4 x USB 3.2 Gen2x2
SATA	2 x SATA III
串行端口	2 x UART (2 Wire)
MIO	1 x SMBus, 1 x I ² C, 1 x GSPI, 1 x SPI, 1 x IPMB, 1 x Audio
显示芯片组	Intel® UHD Graphics 770 Up to 32EUs
显示	Supports Four Display 3 x DDI for DP 1.4a or HDMI 2.1b, 1 x eDP 1.4b
音频	N/A
以太网	2 x Intel® I226LM
电源信息	N/A
工作温度	0°C ~ 60°C (32°F ~ 140°F) with CPU Cooler
尺寸(长 x 宽)	6.3" x 4.7" (160 x 120mm)

COM Express

» COM Express Type 10

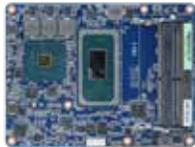


产品型号	ESM-APLM
处理器	Intel® Celeron® / Pentium® Series SoC Processor, Supports TDP Up to 6W
系统内存	Onboard DDR3L 1333/1600MHz SO-DIMM Supports Up to 8GB
扩展	1 x PCIe x4 (Supports x1, x2, x4, Optional 1 PCIe x4 while Removing Ethernet) Compliant to PCIe Gen2 5.0 GT/s
USB	8 x USB 2.0 2 x USB 3.1 Gen1
SATA	2 x SATA III
串行端口	N/A
MIO	1 x SMBus 1 x LPC
显示芯片组	Intel® SoC Integrated Graphics
显示	Supports Dual Display DDI (DP/ HDMI/ DVI-D), LVDS/ eDP (Build Option, in Place of LVDS) DP 1.2: Max 4096 x 2160 @ 60Hz HDMI 1.4b: Max 3840 x 2160 @ 30Hz LVDS: 1366 x 768 @ 60Hz Single Channel 18/24-bits eDP 1.3: 3840 x 2160 @ 60Hz (4 Lanes)
音频	Intel® HD Integrated in SoC
以太网	1 x Intel® I210AT
电源信息	+4.75V ~ +20V
工作温度	0°C ~ 60°C (32°F ~ 140°F)
尺寸(长 x 宽)	3.31" x 2.17" (84 x 55 mm)

» COM Express Type 6



产品型号	ESM-ARL	ESM-RPL	ESM-RPLC
处理器	Intel® Core™ Ultra Processor U/H Series, Supports TDP 15/28W	13th Gen Intel® Embedded Mobile Processor P/H Series, Supports TDP 28/45W	13th Gen Intel® Embedded Industrial Processor U/P Series, Supports TDP 15/28W
系统内存	2 x 262-Pin DDR5 6400/5600MHz SO-DIMM Supports Up to 96GB	2 x 262-pin DDR5 5600MHz SO-DIMM Supports Up to 64GB	1 x 262-pin DDR5 5600MHz SO-DIMM Supports Up to 32GB
扩展	PEG (H Series): 1 x PCIe x8 Gen4, 2 x PCIe x4 Gen4 PEG (U Series): 3 x PCIe x4 Gen4 1 x PCIe x1 Gen4, 1 x PCIe x4 Gen 4 (Configurable x1, x2, or x4)	1 x PCIe x8 Gen4 (Selected SKU, H Series) 2 x PCIe x4 Gen4 Default : 5 x PCIe x1 Gen3 (2 Lanes Shares with SATA)	2 x PCIe x4 Gen4, Only for SSD (From CPU) Default : 5 x PCIe x1 Gen3 (2 Lanes Shares with SATA)
USB	8 x USB 2.0 4 x USB 3.2 Gen2 2 x USB4 (Co-lay with DDI and in Place of DDI1 & DDI2)	8 x USB 2.0 4 x USB 3.2 Gen2 2 x USB4 by TCP Ports (Optional by BIOS)	8 x USB 2.0 4 x USB 3.2 Gen2 2 x USB4 by TCP Ports (Optional by BIOS)
SATA	2 x SATA III	2 x SATA III	2 x SATA III
串行端口	2 x UART (Rx/Tx Only)	2 x UART (Rx/Tx Only)	2 x UART (Rx/Tx Only)
MIO	1 x SMBus 1 x LPC (via eSPI-to-LPC Bridge IC) 1 x I ² C 1 x SPI	1 x SMBus 1 x LPC (via eSPI-to-LPC Bridge IC) 1 x I ² C (User) 1 x GP_SPI	1 x SMBus 1 x LPC (via eSPI-to-LPC Bridge IC) 1 x I ² C (User) 1 x GP_SPI
显示芯片组	Intel® Xe LPG Graphics	Intel® Iris® Xe Graphics on i7/i5 Processor Intel® UHD Graphics on i3/Celeron® Processor Intel® Gfx Up to 96 EU	Intel® Iris® Xe Graphics on i7/i5 Processor Intel® UHD Graphics on i3/Celeron® Processor Intel® Gfx Up to 96 EU
显示	Supports Four Display 3 x DDI (Supports Configurable HDMI/ DP), 1 x LVDS/ eDP (By BOM Optional) DP 1.4: 8K @ 30Hz HDMI 2.1: 8K @ 60Hz LVDS: 1920 x 1200 @ 60Hz eDP: Max 4K	Supports Four Display, Up to 4K (3DDI + eDP) 3 x DDI (USB4 Max 2 x USB4 in place of DDI 1/2, Supports DP 1.4a by DP Alternative Mode, VGA Supported by Build Option via DP-to-VGA IC, 1 x LVDS/ eDP (By BOM Optional) VGA: Max 1920 x 1200 @ 60Hz LVDS: Max 1920 x 1200 @ 60Hz in Dual Mode (Single/Dual Channel 18/24-bits)	Supports Four Display, Up to 4K (3DDI + eDP) 3 x DDI (USB4 Max 2 x USB4 in place of DDI 1/2, Supports DP 1.4a by DP Alternative Mode, VGA Supported by Build Option via DP-to-VGA IC, 1 x LVDS/ eDP (By BOM Optional) VGA : Max 1920 x 1200 @ 60Hz LVDS : Max 1920 x 1200 @ 60Hz in Dual Mode (Single/Dual Channel 18/24-bits)
音频	Intel® HD Audio Integrated in SoC	Intel® HD Audio Integrated on CPU	Intel® HD Audio Integrated on CPU
以太网	1 x Intel® I226LM	1 x Intel® I226LM/IT	1 x Intel® I226LM/IT
电源信息	+9V ~ +19V	+9V ~ +19V	+9V ~ +19V
工作温度	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 70°C (-40°F ~ 158°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 75°C (-40°F ~ 167°F) for Wide Temperature CPU SKU
尺寸(长 x 宽)	4.92" x 3.74" (125 x 95 mm)	4.92" x 3.74" (125 x 95 mm)	3.74" x 3.74" (95 x 95 mm)



ESM-TGH	ESM-TWLC	ESM-ASLC	ESM-EHLC	ESM-APLC
11th Gen Intel® Core™ i7/i5/i3 & Xeon®/ Celeron® Processor, Supports TDP Up to 45W	Intel® N150, N250 & Intel® Core™ 3 Processor N355	Intel® Atom™ x7000RE Series Processor	Intel® Celeron®/ Pentium®/ Atom™ Processor, Supports TDP Up to 12W	Intel® Celeron® N3350, J3455 / Pentium® N4200 SoC Processor, Supports TDP Up to 10W
3x 260-pin DDR4-3200MHz SO-DIMM Supports Up to 96 GB with ECC (ECC is Supported with Specific SKU) *3rd Socket on Rear Side by Request	1 x 262-pin DDR5 4800MHz SO-DIMM socket, Supports Up to 16GB	1 x 262-pin DDR5 4800MHz SO-DIMM Supports Up to 16GB, Supports In-Band ECC Memory Protection (Selected SKUs)	2 x 260-pin DDR4 3200MHz SO-DIMM Supports Up to 32GB, Supports In-Band ECC Memory Protection (Selected SKUs)	1 x 204-pin DDR3L 1600/1333MHz SO-DIMM Supports Up to 8GB (Non-ECC)
1 x PCIe x16 Gen4 (Supports dGFX and NVMe Storage) 8 x PCIe x1 Gen3	BOM1 (Default): 4 x PCIe x1 Gen3 BOM2: 1 x PCIe x4 Gen3 BOM3: 2 x PCIe x1 Gen3	BOM1 (Default): 4 x PCIe x1 Gen3 BOM2: 1 x PCIe x4 Gen3 BOM3: 2 x PCIe x1 Gen3	3 x PCIe x1 Gen3	3 x PCIe x1 (Optional 4 PCIe x1 or 1 x PCIe x4 while Removing Ethernet), Compliant to PCIe Gen2
8 x USB 2.0 4 x USB 3.2 Gen2 x1	8 x USB 2.0 BOM1 (Default): 2 x USB 3.2 Gen2x1 BOM2: 4 x USB 3.2 Gen 2x1 BOM3: 4 x USB 3.2 Gen 2x1	8 x USB 2.0 BOM1 (Default): 2 x USB 3.2 Gen2x1 BOM2: 4 x USB 3.2 Gen 2x1 BOM3: 4 x USB 3.2 Gen 2x1	8 x USB 2.0 4 x USB 3.2 Gen2	8 x USB 2.0 4 x USB 3.0
4 x SATA III	BOM1 (Default): 2 x SATA III BOM2: N/A BOM3: 2 x SATA III	BOM1 (Default): 2 x SATA III BOM2: N/A BOM3: 2 x SATA III	2 x SATA III	2 x SATA III
2 x UART (Rx/Tx Only)	2 x UART (Rx/Tx Only)	2 x UART (Rx/Tx Only)	2 x UART (Rx/Tx Only)	2 x UART (Rx/Tx Only)
1 x SMBus 1 x LPC (via eSPI to LPC Bridge) 1 x I ² C	1 x SMBus 1 x LPC 1 x eSPI (W-B 10Px1 1.0mm 90D for Debug Conn) 1 x I ² C 1 x SPI	1 x SMBus 1 x LPC 1 x eSPI (W-B 10Px1 1.0mm 90D for Debug Conn) 1 x I ² C 1 x SPI	1 x SMBus 1 x LPC (via eSPI-to-LPC Bridge) or 1 x eSPI (Only Supports 20MHz), Build Option 1 x I ² C	1 x SMBus 1 x LPC 1 x I ² C
12th Gen Intel® UHD Graphics (Xe architecture)	Integrated Intel® Graphics	Intel® UHD Graphics	Intel® SoC Processor Integrated Gen11 LP Graphics	Intel® Apollo Lake SoC Integrated Graphics
Supports Four Display, Up to 2K (3DDI + eDP) 3 x DDI (VGA/ HDMI/ DP), 1 x LVDS/ eDP (Optional) DP 1.4: 4096 x 2304 @ 60Hz HDMI 2.0b: 4096 x 2304 @ 60Hz LVDS: 1920 x 1080 @ 60Hz Dual Channel 18/24-bits eDP 1.4b: 4096 x 2304 @ 60Hz (Only Supports 2560 x 1440 4 Lanes & 1920 x 1080 2 Lanes)	Supports Triple Display DDI (DP/ HDMI), LVDS/ eDP (By BOM Optional) DP 1.4: 4096 x 2160 @ 60Hz HDMI 2.0b: 1920 x 1080 (Default) or 4096 x 2160 @ 60Hz (Set by BIOS) LVDS: 1920 x 1080 @ 60Hz eDP 1.4b: 1920 x 1080 @ 60Hz 2 Lanes	Supports Triple Display DDI (DP/ HDMI), LVDS/ eDP (By BOM Optional) DP 1.4: 3840 x 2160 @ 60Hz HDMI 2.0b: 1920 x 1080 (Default) or 4096 x 2160 @ 60Hz (Set by BIOS) LVDS: 1920 x 1080 @ 60Hz eDP 1.4b: 1920 x 1080 @ 60Hz 2 Lanes	Supports Triple Display DDI (HDMI/ DP/ VGA), LVDS/ eDP DP 1.4: 4096 x 2160 @ 60Hz HDMI 1.4b/2.0b: 4096 x 2160 @ 60Hz VGA: 1920 x 1080 @ 60Hz LVDS: 1920 x 1080 @ 60Hz eDP 1.3b: 4096 x 2160 @ 60Hz (Only Supports 4 Lanes 2560 x 1440 & 2 Lanes 1920 x 1080)	Supports Triple Display DDI (VGA/ HDMI/ DP), LVDS DP: Max 4096 x 2160 @ 60Hz HDMI: Max 3840 x 2160 @ 30Hz VGA: Max 1920 x 1200 @ 60Hz LVDS: Max 1920 x 1200 @ 60Hz
Intel® HD Audio Integrated in SoC	Intel® HD Audio Integrated in SoC	Intel® HD Audio Integrated on CPU	Intel® HD Audio Integrated on CPU	Intel® HD Audio Integrated on CPU
1 x Intel® I225LM/IT	1 x Intel® I226V	1 x Intel® I226IT	1 x Intel® I225LM/IT	1 x Intel® WGI210AT
+9V ~ +19V	+9V ~ +19V	+9V ~ +19V	+9V ~ +19V	+9V ~ +19V
0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 75°C (-40°F ~ 167°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F)	-40°C ~ 80°C (-40°F ~ 176°F)	0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 85°C (-40°F ~ 185°F) for Wide Temperature CPU SKU (Note: Above 70°C Tc, the Recommended Ethernet Speed is 1G.)	0°C ~ 60°C (32°F ~ 140°F)
4.92" x 3.74" (125 x 95 mm)	3.74" x 3.74" (95 x 95 mm)	3.74" x 3.74" (95 x 95 mm)	3.74" x 3.74" (95 x 95 mm)	3.74" x 3.74" (95 x 95 mm)

评估测试载板

» Q7载板



产品型号	REV-Q703 (A/B)
USB	4 x USB 2.0, 1 x USB 3.0
SATA	2 x SATA (Internal)
串行端口	1 x COM
视频	1 x HDMI, 1 x DP Onboard Connector: 1 x LVDS Connector, 1 x Backlight Connector
其他	Edge I/O Connector: 1 x Ethernet, 3 x Audio Phone Jack, 1 x OTG Onboard I/O Connector: 1 x PCIe x1, 1 x SPI, 1 x CAN, 1 x LPC, 1 x JFP, 1 x PWM CPU Fan Pin-Header, 1 x 4P PWR Pin-Header
DIO	1 x 16bit GPIO
MIO	1 x SD Socket for Version A 1 x Micro SD Socket for Version B
扩展	1 x Mini PCIe Supports SIM Card
音频	ALC888S/ WM8962
音频接口	Mic-in, Line-in, Line-out
电源信息	+12V
工作温度	-40°C ~ 85°C (-40°F ~ 185°F)
尺寸(长 x 宽)	6.69" x 6.69" (170 x 170 mm)

» COMe Type 6 载板

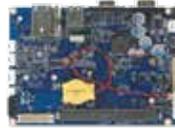
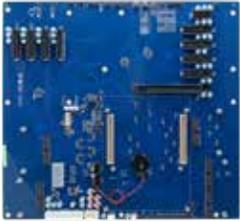


EEV-EX26	EEV-EX16-B1	EEV-EX14	EEV-EX15
4 x USB 2.0 4 x USB 3.2 Gen2x1 by 1 x IET Module 2 x USB4 Type C by 1 x IET Module (OEM by Request) *Module Board at I/O (EEV-EX26 Only)	4 x USB 2.0 4 x USB 3.2 Gen2	8 x USB 2.0 4 x USB 3.0 (4 x USB External)	6 x USB 2.0, 2 x USB 3.1 Gen1 (Contain 2 x USB 2.0)
4 x SATA III	4 x SATA III	4 x SATA II	2 x SATA III
N/A	N/A	1 x RS-232/422/485, 1 x RS-232 (Onboard Connector) 1 x LPT	N/A
3 x HDMI, 3 x DP, 1 x VGA, 1 x IET Connector to 2 x USB Type-C Module Board at I/O Onboard Connector: 1 x LVDS, 1 x eDP	3 x DP, 1 x VGA, 3 x HDMI, Onboard Connector: 1 x LVDS, 1 x eDP	1 x DP, 1 x VGA, 1 x HDMI OnBoard Connector: 1 x LVDS	1 x DP, 1 x HDMI, Onboard Connector: 1 x LVDS, 1 x eDP
1 x LAN (Supports 2.5G)	1 x LAN (Supports 2.5G)	1 x PS2/KB & MS 1 x SDIO 2 x LAN	1 x LAN 1 x SDIO/DIO (Optional, Depend on Module Board)
1 x 16bit GPIO	1 x 8bit GPIO	1 x 8bit GPIO	1 x 8bit GPIO
1 x SD Socket 1 x IET connector for LPC 1 x LPC	1 x SD Socket 1 x Multi-function Pin-Header	1 x IrDA	N/A
1 x PCI-e Gen4 x16 Slot 2 x PCI-e Gen4 x4 Slot	1 x PCIe x16 Gen4 2 x PCIe x4 Gen4	1 x PCIe x16 1 x PCIe x4 1 x PCIe x1 1 x Express Card (Optional) 1 x Mini PCIe	1 x PCIe x4
ALC888S	ALC888S	ALC892	ALC892
Mic-in, Line-out	Mic-in, Line-out	Mic-in, Line-in, Line-out	Mic-in, Line-out
ATX	ATX	AT/ ATX	ATX
-40°C ~ 85°C (-40°F ~ 185°F)	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)
9.6" x 9.6" (243.84 x 243.84 mm)	9.6" x 9.6" (243.84 x 243.84 mm)	9.6" x 9.6" (243.84 x 243.84 mm)	6.7" x 6.7" (170 x 170 mm)

» COMe Type 10 载板

» COM-HPC 载板

» SMARC 载板



EEV-HC10
4 x USB 3.2 Gen2 x2 (Type C) by 2x IET Module 4 x USB 2.0 by Pin Header
2 x SATAIII
2 x Serial Port
3 x DDI Configurable to DP2.1 or HDMI 2.1b by 2 x IET Module 1 x eDP
2 x 2.5G Ethernet Connector by 2x IET Module
1x 12bit GPIO
N/A
1 x PCIe x16 Gen5 Slot 8 x PCIe x4 Slot 1 x PCIe x1 Slot for BMC
ALC888S
Mic-in, Line-out
ATX
0°C ~ 60°C (32°F ~ 140°F)
13" x 12" (330 x 305 mm)

产品型号	REV-SA01	REV-SA02	REV-SA03
外部I/O连接器	1 x HDMI 1 x VGA 2 x RJ45 1 x DB9 1 x Mini-USB 2 x USB Type A	1 x LAN, 2 x RCA 1 x HDMI, 1 x VGA 1 x Micro SD Socket 1 x Mini USB (OTG) 1 x USB Type A 2.0 Double Deck 1 x Display Port, 2 x RS232 1 x RST Switch, 1 x Power Switch 1 x Power LED, 1 x DIP SW	1 x Power Key 1 x Reset Key 1 x DC Jack 1 x USB 2.0 Type A 1 x USB Type C 1 x Giga Ethernet 1 x Headphone 1 x Micro SD Socket 1 x SIM Socket
内部I/O连接器	1 x LVDS 1 x Backlight 1 x SD Socket 1 x USB Connector 2 x CAN BUS 1 x Speaker-out/ Mic-in 1 x RS-232 1 x GPIO 1 x SATA 1 x RTC Battery 1 x 2 Cell Li Battery Connector	1 x Camera 2 x Speaker 1 x D-MIC 1 x Mini PCIe (SATA) 1 x Mini PCIe (USB) 1 x Sim Card 1 x GPIO 1 x I ² C 1 x USB2.0 1 x PCIe-1 1 x LVDS 1 x Battery Charger Connect 1 x Inverter 2 x RS485 2 x CAN	1 x USB 2.0 4P Header 1 x Mic Phone 2P Header 1 x Speaker 2P Header 1 x RTC-Battery (CR2032) 1 x M.2 Key E for Wi-Fi/ BT 1 x M.2 key B for LTE 1 x M.2 Key M for SSD (Only for PCIe Switch) 1 x Backlight 4P Header 1 x I ² C Touch Screen Connector 1 x MIPI CSI Screen Connector for MIPI Camera (Option) 1 x MIPI DSI (Option) 1 x LVDS Screen Connector (Default) 1 x GPIO 16 bit 1 x CAN Bus
电源信息	+9V ~ 36V DC-in (REV-SA01-02-A1R) +9V ~ 24V DC-in (REV-SA01-03-A1R)	DC +12V	DC +12V
工作温度	0°C ~ 60°C (32°F ~ 140°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
存储温度	-20°C ~ 80°C (-40°F ~ 176°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
尺寸(长 x 宽)	146 x 101 mm	170 x 170 mm	165 x 120 mm
重量	0.13 kg	0.024 kg	0.024 kg
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B
软件支持	N/A	N/A	N/A



产品型号	SMA-IMX8MP	SMA-3588	SMA-3568	SMA-X8I	SMA-IMX6 E1
处理器	Quad Cortex®-A53 Processors	RockChip RK3588J Quad-core Cortex-A76 and Quad-core Cortex-A55	Rock Chip RK3568 Quad-core Cortex-A55	NXP i.MX 8M Mini	NXP i.MX 6 Dual NXP i.MX 6 Quad Core
系统内存	2GB/ 4GB LPDDR4	2GB/ 4GB/ 8GB LPDDR4	2GB (Default)/ 4GB/ 8GB LPDDR4	2GB DDR4 (Default)	1GB/ 2GB DDR3
存储	16GB/ 32GB eMMC	16GB eMMC	16GB (Default)/ 32GB / 64GB eMMC	eMMC 16GB	eMMC 8GB
内部I/O连接器	2 x CAN/CAN FD 1 x I ² S 5 x GPIO 1 x SDIO 2 x Ethernet 1 x HDMI 1 x LVDS 2 x MIPI CSI 1 x MIPI DSI 1 x PCIe 3.0 4 x UART 1 x USB (Type C) 2 x USB 3.0 3 x uSDHC 6 x I ² C 3 x SPI	1 x CAN 14 x GPIO 4 x I ² C 1 x I ² S 1 x SDIO 2 x SPI 6 x UART 1 x Wi-Fi 802.11 a/b/g/n/ac 1 x HDMI 1 x MIPI CSI 1 x MIPI DSI/LVDS 2 x Giga Ethernet 1 x PCIe 2.1 1 x PCIe 3.0 1 x USB 3.0 Type A 1 x USB 3.0 Type A OTG 2 x USB 2.0 Type B	2 x Ethernet (Giga ethernet) 1 x PCIe 2.1 (1 lane) 1 x PCIe 3.0 (2 lanes) 2 x USB2.0 1 x USB3.0 HOST 1 x USB3.0 OTG 1 x MIPI CSI (4 lanes) 1 x MIPI DSI (DSIO & DSI1) 1 x HDMI (HDMI 2.0) 1 x LVDS (Multiplex with DSI1) 1 x Wi-Fi (Option) 14 x GPIO (or more) 1 x SDIO 6 x UART 2 x SPI 4 x I ² C 1 x CAN 1 x I ² S	1 x Giga LAN Controller 8 x GPIO 3 x I ² C 1 x I ² S 1 x LVDS (Default) 1 x PCIe 1 x MIPI CSI (Option) 1 x MIPI DSI (Option) 1 x SPI 1 x UART 4 x USB 2.0 1 x USB 2.0 OTG	2 x CAN 12 x GPIO 3 x I ² C 1 x JTAG 1 x MLB150 3 x PCIe (Option) 2 x RX/TX (Ser1/3) 1 x SATA eMMC 1 x SDIO 1 x SPDIF 2 x SPI 2 x UART (Ser0/2) 2 x USB 2.0 Port (One OTG) 1 x WDT
电源信息	5V	5V	5V	5V	3V - 5.25V
工作温度	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
存储温度	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
尺寸(长 x 宽)	50 x 82 mm	82 x 50 mm	82 x 50 mm	82 x 50 mm	82 x 50 mm
重量	0.06 kg	0.06 kg	0.06 kg	0.06 kg	0.06 kg
认证	CE, FCC, Class B	CE, FCC, Class B	CE, FCC, Class B	CE, FCC Class B	CE, FCC Class B
软件支持	Yocto 4.0	Linux Debian, Android	Linux Debian 11, Android 11	Yocto 2.5, Android 10.0	Android 4.4, Yocto 2.1

开放标准模块



产品型号	OSM-3568	OSM-IMX8MM	OSM-IMX93	OSM-IMX95
芯片组	Rockchip RK3568J	NXP iMX8M Mini	NXP i.MX93	NXP i.MX95
处理器	Quad-core Cortex-A55	NXP iMX8M Mini Quad-core Cortex-A53	Dual-Core ARM Cortex-A55 + ARM Cortex-M33	Six-Core Cortex-A55 Cortex-A7 + ARM Cortex-M33
软件支持	Debian11	Yocto (Kirkstone) 4.0	Yocto (Kirkstone) 4.0	Yocto (Kirkstone) 4.0
系统内存	2GB	4GB	2GB	LPDDR5 4GB
存储	16GB eMMC	16GB eMMC	16GB eMMC (Optional 8G/ 32G)	32GB eMMC
I/O	1 x HDMI Out 2 x SDIO (1 x TF Card, 1 x Wi-Fi & BT) 2 x USB3.0 (1 x USB Host, 1 x USB OTG) 2 x USB Host 1 x MIPI-CSI 1 x MIPI-DSI 1 x PCIE 1 x IR 2 x CAN 1 x SPI 1 x Edp 2 x UART 1 x DC in (USB Type-C) 2 x RJ45 10/100/1000M	2 x SDIO 4 x UART 4 x I ² C 3 x SAI 2 x SPI 3 x PWM 1 x JTAG 29 x GPIO 1 x PCIE 1 x MIPI-CSI 1 x MIPI-DSI 1 x RGMII	1 x MIPI-CSI 1 x MIPI-DSI USB 2.0 2 x Gigabit Ethernet Controller 1 x SD 1 x CAN 2 x SPI 2 x PWM 3 x SAI 24 x GPIO	1 x 4 lane MIPI-DSI 1 x LVDS 1 x USB 3.2 1 x USB 2.0 5 x UART 4 x I2C 16 x GPIO 3 x PWM 2 x CAN-FD
电源信息	5V/ 2A	5V/ 3A	5V/ 3A	5V/ 3A
工作温度	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
尺寸	45 x 45 mm (Size-L)	45 x 45 mm (Size-L)	30 x 30mm (Size-S)	45 x 45mm (Size-L)
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B



紧凑且集成化的平台提供快速上市的解决方案，具备可靠且坚固的设计。提供经过认证、坚固耐用的工业级计算解决方案，适用于关键任务应用。

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基于ARM的系统

» NXP系列



产品型号	AIB-IMX6	AIB-IMX6A	AIB-IMX8M
处理器	NXP i.MX6 Cortex-A9 Dual Lite/ Quad 1GHz CPU	NXP i.MX6 Cortex-A9 Quad 1GHz CPU	NXP i.MX8M Cortex-A53 Quad Core 1.3GHz; Cortex-M4 Core Processor
系统内存	1GB LPDDR3	1GB LPDDR3	2 GB LPDDR4
存储	8GB eMMC	8GB eMMC	16GB eMMC
外部I/O连接器	1 x 10/100/1000 RJ45 Powered LAN 1 x HDMI 2.0 Out 1 x Micro SD Slot 1 x USB 2.0 Type A 1 x Jack for I/R Extender Cable, Co-design (Optional) 1 x with on Board I/R Sensor (Optional)	2 x 10/100/1000 RJ45 Powered LAN 1 x HDMI 2.0 Out 1 x Micro SD Slot 1 x Mini USB 3 x RS-232/422/485 DB9 1 x RS-232/422/485 Debug 2 x USB 2.0 Type A 1 x Jack for I/R Extender Cable, Co-design (Optional) 1 x with on Board I/R Sensor (Optional)	2 x 10/100/1000 RJ45 1 x HDMI 2.0 Out 1 x Headphone Jack 1 x Micro SD Slot 1 x USB 3.0 Type A 1 x USB 3.0 Type C (Data Only) 2 x DB9 Connector (Default) 4 x DB9 for RS232/485 (Option) 1 x 1x8P GPIO - DB9 Connector 1 x 1x4P CAN - DB9 Connector 1 x Reset 2 x Wi-Fi Antenna (Optional)
电源信息	DC 12V ~ 24V, 2.5mm DC Jack, Typical 19V Input with Brownout Detection or Powered LAN (Optional)	DC 12V ~ 24V, 2.5mm DC Jack, Typical 19V Input With Brownout Detection	DC 12V ~ 24V
工作温度	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 50°C (-4°F ~ 122°F)	-20°C ~ 60°C (-4°F ~ 140°F)
存储温度	-40°C ~ 70°C (-40°F ~ 158°F)	-20°C ~ 70°C (-4°F ~ 158°F)	-40°C ~ 60°C (-40°F ~ 140°F)
尺寸(长 x 宽 x 高)	153 x 107.8 x 30 mm	186 x 121.35 x 37 mm	177 x 112 x 53.5 mm
重量	1.5 kg	1.0 kg	2.0 kg
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B
软件支持	Android 4.4 or 6.0 Yocto 2.1	Android 4.4 or 6.0 Yocto 2.1	Yocto 2.5 (Default) Android 10.0

基于ARM的系统

» Rockchip系列



产品型号	AIB-3566	AIB-3588	AIB-3568J
处理器	Rockchip RK3566 Quad-core ARM Cortex-A55	Rockchip RK3588 Quad-core ARM Cortex-A76 and Quad-core ARM Cortex-A55	Rockchip RK3568J Quad-core Cortex-A55 1.8GHz
系统内存	2GB/ 4GB LPDDR4 RAM	4GB (Default) & 8GB 64bit LPDDR4	4GB LPDDR4
存储	32GB/ 64GB eMMC 5.1	32GB (Default)/ 64GB eMMC	64GB eMMC 5.1
外部I/O连接器	1 x USB HOST 3.0 1 x USB OTG 2.0 1 x RS232 or 1 x IR Blaster (Choose One of Two, Default RS232) 1 x HDMI Out 1 x HDMI In 1 x Ethernet RJ45, 1000M 1 x Wi-Fi 802.11 a/b/g/n/ac 1 x Mini PCIE LTE (Optional) 1 x Micro SIM Slot	1 x USB Host 3.0 2 x USB Host 2.0 1 x USB Type C for DP (& FW Date) 2 x RS232 (Phoenix) 1 x RS485 (Phoenix) 1 x CAN (Phoenix) 1 x GPIO (Phoenix) 1 x TTL (Phoenix) 2 x LAN Port 1000/100/10 Mbps 1 x SD Card 1 x Micro SIM Card 1 x Power Button 4 x LED (Power, Ethernet Network, WiFi, 4G) 1 x IR In 2 x HDMI Out (1920 x 1080) 1 x HDMI In (1920 x 1080) 2 x Wi-Fi Antennas by Default, (1 x 4G Antenna and 1 x Wi-Fi Antenna are Optional) 1 x DC Input	2 x 10/100/1000 RJ45 Powered LAN 1 x HDMI Out 1 x RS232/422/485 DB9 1 x USB 3.0 Type A 1 x USB 3.0 Type A (OTG) 1 x Micro SD Card Slot
电源信息	DC 12V/ 1.5A	DC 12V	DC 12V ~ 24V
工作温度	-5°C ~ 55°C (23°F ~ 131°F)	0°C ~ 50°C (0°F ~ 122°F)	-40 ~ 85°C (-40 ~ 185°F)
存储温度	-10°C ~ 60°C (14°F ~ 140°F)	0°C ~ 50°C (0°F ~ 122°F)	-40 ~ 85°C (-40 ~ 185°F)
尺寸(长 x 宽 x 高)	106 x 100 x 25 mm	160 x 125.5 x 48 mm	140 x 90 x 66 mm
重量	2.58 kg	0.46 kg	1.14 kg
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class B
软件支持	Android 11.0 Linux Debian 10	Android 13 Linux Debian 11.0	Android 13 Debian 11



产品型号	AIB-3576	AIB-Q6490	AIB-Q5430
处理器	Rockchip RK3576 Quad-core Cortex-A72 and Quad-core Cortex-A53	QCS6490, Qualcomm® Kryo™ 670, 8 Cores, Up to 2.7 GHz, 12 TOPS	QCS5430, Qualcomm® Kryo™ 670, 6 Cores, Up to 2.1 GHz, 12 TOPS
系统内存	4GB LPDDR4	8GB LPDDR4	4 GB LPDDR4
存储	32GB eMMC 5.1	USF 128GB	USF 128 GB
外部I/O连接器	2 x 10/100/1000 RJ45 Powered LAN 1 x HDMI Out 1 x USB 3.0 Type A 1 x USB 2.0 Type A 1 x 3.5mm Audio Jack 1 x SMA	2 x RJ45 2 x USB 3.2 (Type A) 1 x HDMI 1 x USB Type C (DP Alt) 1 x DC Out (via USB Type C PD, 36W) DC In (20V/ 5A) PD In (20V/ 5A)	2 x RJ45 2 x USB 3.2 (Type A) 1 x HDMI 1 x USB Type C (DP Alt) 1 x DC Out (via USB Type C PD, 36W) DC In (20V/ 5A) PD In (20V/ 5A)
电源信息	DC 9V ~ 24V	DC 20V/ 5A, w/ Power Adapter	DC 20V/ 5A, w/ Power Adapter
工作温度	-40 ~ 85°C (-40 ~ 185°F)	-30°C ~ 60°C, tbc	-30°C ~ 65°C, tbc
存储温度	-40 ~ 85°C (-40 ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-40°C ~ 85°C (-40°F ~ 185°F)
尺寸(长 x 宽 x 高)	146 x 101 x 66 mm	108 x 88 x 53 mm	108 x 88 x 53 mm
重量	1.16 kg	570 g	570 g
认证	CE, FCC Class B	CE, FCC, UKCA	CE, FCC, UKCA
软件支持	Android 13 Debian 11	Win 11 IoT Enterprise LTSC (2nd) Android 13 Ubuntu 24.04 LTS (1st) Qualcomm Linux	Win 11 IoT Enterprise LTSC (2nd) Android 13 Ubuntu 24.04 LTS (1st) Qualcomm Linux

边缘AI算力平台

» NVIDIA Jetson 系列



产品型号	AIB-NW01	AIB-NIAO-S
处理器	Jetson Orin Nano 4GB Jetson Orin Nano 8GB Jetson Orin NX 8GB Jetson Orin NX 16GB	Jetson AGX Orin 32GB Jetson AGX Orin 64GB
AI性能	Orin Nano 4GB: 20 TOPS Orin Nano 8GB: 40 TOPS Orin NX 8GB: 70 TOPS Orin NX 16GB: 100TOPS	32GB: 200 TOPS 64GB: 275 TOPS
系统内存	Nano: 4GB/ 8GB NX: 8GB/ 16GB	32GB 64GB
存储	128GB M.2 2280 NVMe SSD	64GB eMMC 5.1
扩展	1x M.2 M Key 1x M.2 E Key 1x M.2 B Key 1x Micro SIM Slot	1x M.2 2230 E Key 2 x M.2 2280 M Key 1x M.2 3042 B Key
外部I/O连接器	2 x 10/100/1000 RJ45 LAN 1x DC Phoenix 1x HDMI 2.0 Type A 1x M.2 B Key 1x M.2 E Key 1x Micro SIM 1x Micro USB OTG 1x Power LED 1x Reset 2 x RS-232/485 DB9 (Jumper) 4 x USB 3.0 Type A	1x Power Button 1x Recovery Pin Hole 2 x USB 3.2 1x DC Jack 2 x Ethernet 2 x HDMI Out 1x DP Out 2 x USB 2.0 1x Line in/out 8 x PSE Port (with 8PSE Model)
防护	N/A	N/A
电源信息	DC 10V ~ 24V	DC: 12 ~ 28V (Base Model) / DC: 48V (8PSE Model)
工作温度	-20°C ~ 60°C (-4°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F) with Airflow
存储温度	-40°C ~ 80°C (-40°F ~ 176°F)	-20°C ~ 80°C (-4°F ~ 176°F)
尺寸(长 x 宽 x 高)	196 x 125 x 66.1 mm	265.08 x 186.70 x 105.29 mm
重量	1.41 kg	5.0 kg
认证	CE, FCC Class B	CE, FCC Class B
软件支持	AI SDK by Request Ubuntu: 22.04 JetPack 6.2 or Higher	AI SDK by Request Ubuntu: 22.04 JetPack 6.2 or Higher
可选产品 通过子板实现的功能扩展		SDK/ Software: By Request AGX 5G: 5G Mobility Network (Supports 5G / 4G / 3G SIM Module) AGX PSE: PSE Power Supply: 8 x 15W (IEEE802.3af)



产品型号	AIB-NINX-S	AIB-NINX-SC
处理器	Jetson NX Orin 8GB Jetson NX Orin 16GB	Jetson NX Orin 8GB Jetson NX Orin 16GB
AI性能	8GB: 70 TOPS (Super Mode: 117 TOPS) 16GB: 100 TOPS (Super Mode: 157 TOPS)	8GB: 70 TOPS (Super Mode: 117 TOPS) 16GB: 100 TOPS (Super Mode: 157 TOPS)
系统内存	8GB 16GB	8GB 16GB
存储	128GB M.2 2280 NVMe SSD	128GB M.2 2280 NVMe SSD
扩展	1 x M.2 2280/3080 M Key 2 x M.2 2280 M Key	1 x M.2 M key 1 x M.2 E Key
外部I/O连接器	1 x Power Button 1 x RS232/RJ485 1 x Ethernet 2 x HDMI Out 1 x Line in/out 4 x USB 3.2 1 x DC IN 1 x HDMI2.0 In (HDMI 2.0 Model) 4 x PSE Port (with 4PSE Model)	1 x Power Key 2 x Antenna 1 x Micro SD Slot 1 x GPIO/RS232, I ² C 1 x USB3.2 Type-C 1 x RJ45 1 x DC IN 1 x Mini DP 1.4
防护	N/A	N/A
电源信息	DC: 9 ~ 36V (HDMI2.0 Model) / DC: 48V (4PSE Model)	DC 9 ~ 36V
工作温度	0°C ~ 60°C (32°F ~ 140°F) with Airflow	0°C ~ 60°C (32°F ~ 140°F) with Airflow
存储温度	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 80°C (-4°F ~ 176°F)
尺寸(长 x 宽 x 高)	284 x 144 x 76.6 mm	94.4 x 66 x 69.8 mm
重量	3.5 kg	0.5 kg
认证	CE, FCC Class B	CE, FCC Class B
软件支持	AI SDK by Request Ubuntu: 22.04 JetPack 6.2 or Higher	AI SDK by Request Ubuntu: 22.04 JetPack 6.2 or Higher
可选产品 通过子板实现的功能扩展	SDK/ Software: By Request NX 5G: 5G Mobility Network (Supports 5G / 4G / 3G SIM Module) NX PSE: PSE Power Supply 4 x 15W (IEEE802.3af)	SDK/ Software: By Request 4K60 12G-SDI: 1 x 12G-SDI In & Loop 12G-SDI QL 1 x 4K60/ 2 x 4K30/ 4 x HD60: 1 x 12G-SDI, 2 x 6G-SDI, 4 x 3G-SDI In (Single-Link, Dual-Link, Quad-Link Support) 4K60 HDMI2.1: 1 x HDMI2.1 In & Loop 4K60 HDMI2.0: 1 x HDMI2.0 In & Loop HD60 GMSL2 and CAN Bus: 4 x GMSL2 In, 1 x CAN Bus 4 x TVI: 4 x TVI In HD60 4 x HDMI: 4 x HDMI 4 x USB3.2-A: 1 x USB3.2 Gen2, 4 x USB3.2 Gen1

紧凑型计算系统



产品型号	EPS-RPR	EPS-RPS	ACS10-TGUC
主板	EBM-ADS	EBM-ADS	ECM-TGUC
处理器	14th Gen Intel® Core™ i9/i7/i5/i3 Processor (TDP 35/65W)	13th Gen Intel® Core™ i9/i7/i5/i3 Processor (TDP 35/65W)	Intel® Core™ i5-1135G7 Intel® Core™ i3-1115G4
系统芯片	Intel® Q670E / H610E Chipset	Intel® Q670E / H610E Chipset	N/A
系统内存	2 x 262-Pin SO-DIMM Socket Max. Up to 64GB DDR5 5600MHz	2 x 262-Pin SO-DIMM Socket Max. Up to 64GB DDR5 4800MHz	1 x 260-Pin SO-DIMM Socket Max Up to 32GB DDR4 3200MHz
扩展	1 x mPCIe (PCIe, USB 2.0) 1 x M.2 Key-E 2230 (PCIe, USB2.0) 1 x M.2 Key-B 2242/3042/3052 (PCIe, USB3.2, USB2.0) w/ SIM Slot 1 x M.2 Key-M 2242/2280 (PCIe Gen 4x4)	1 x mPCIe (PCIe, USB 2.0) 1 x M.2 Key-E 2230 (PCIe, USB2.0) 1 x M.2 Key-B 2242/3042/3052 (PCIe, USB3.2, USB2.0) w/ SIM Slot 1 x M.2 Key-M 2242/2280 (PCIe Gen 4x4)	1 x M.2 Key-E 2230 (PCIe, USB 2.0) 1 x M.2 Key-B 2242/3052 with 1 x SIM Slot (SATA, USB3.2, USB 2.0)
存储	1 x 2.5" Drive Bay 1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2242/2280 (PCIe Gen 4x4, Support NVMe SSD, Q670E SKU only)	1 x 2.5" Drive Bay 1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2242/2280 (PCIe Gen 4x4, Support NVMe SSD, Q670E SKU only)	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2280 NVMe (PCIe Gen4 x 4)
USB	2 x USB 2.0, 6 x USB 3.2	2 x USB 2.0, 6 x USB 3.2	3 x USB 3.2 Gen.2 3 x USB 2.0
串行端口	2 x RS-232 4 x RS-232/422/485	2 x RS-232 4 x RS-232/422/485	1 x RS-232/422/485 1 x RS-232
显示芯片组	Intel® UHD Graphics 770 (i9, i7, i5) Intel® UHD Graphics 730 (i3)	Intel® UHD Graphics 770 (i9, i7, i5) Intel® UHD Graphics 730 (i3)	Intel® Iris® Xe Graphics (i5-1135G7) Intel® UHD Graphics for 11th Gen Intel® Processors (i3-1115G4)
显示分辨率	2 x HDMI 2.0b: 4096 x 2304 @ 60Hz 2 x DP++ 1.4: 4096 x 2304 @ 60Hz	2 x HDMI 2.0b: 4096 x 2304 @ 60Hz 2 x DP++ 1.4: 4096 x 2304 @ 60Hz	DP++ 1.4: 4096 x 2304 @ 60Hz
音频芯片组	Realtek Audio Codec	Realtek Audio Codec	Realtek Audio Codec
音频接口	1 x Mic-in 1 x Line-out	1 x Mic-in 1 x Line-out	1 x Mic-in 1 x Line-out
以太网芯片组	1 x Intel® I219-LM 1 x Intel® I226-LM	1 x Intel® I219-LM 1 x Intel® I226-LM	1 x Intel® I219LM 1 x Intel® I225-V
以太网接口	2 x RJ45	2 x RJ45	2 x RJ45
电源连接器	5-Pin Terminal Block	5-Pin Terminal Block	Lockable DC Jack
电源信息	DC in Typical 12V/ 24V, Wide Voltage	DC in Typical 12V/ 24V, Wide Voltage	+12V
ACPI	Single Power ATX Support S0, S1, S3, S4, S5; ACPI 5.0 Compliant	Single Power ATX Support S0, S1, S3, S4, S5; ACPI 5.0 Compliant	Single Power ATX Support S0, S1, S3, S4, S5; ACPI 5.0 Compliant
电源模式	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)
尺寸(长 x 宽 x 高)	216 x 203 x 75 mm	216 x 203 x 75 mm	188 x 120 x 48 mm
工作温度	-10°C ~ 55°C (14°F ~ 131°F) with 0.5m/s Air Flow (35W) -10°C ~ 50°C (14°F ~ 122°F) with 0.5m/s Air Flow (65W w/ External Fan kit)	-10°C ~ 55°C (14°F ~ 131°F) with 0.5m/s Air Flow (35W) -10°C ~ 50°C (14°F ~ 122°F) with 0.5m/s Air Flow (65W w/ External Fan kit)	0°C ~ 50°C (32°F ~ 122°F) with 0.5m/s Air Flow
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC Class A, UKCA



产品型号	ACS-ALUC	ACS-ADNC	ACS-ADN2C
主板	ECM-ALUC	ACS-N97MB	N/A
处理器	Intel® 12th Gen Core™ i5/i3 Processors	Intel® Alder Lake i3N & N Series & Twin Lake Series Processors	Intel® Alder Lake i3N & N Series & Twin Lake Series Processors
系统芯片	N/A	N/A	N/A
系统内存	1 x 260-Pin SO-DIMM Socket, Up to 32GB DDR4 3200MHz	1 x 260-Pin SO-DIMM Socket, Up to 16GB DDR4 3200MHz	1 x 262-Pin SO-DIMM Socket, Up to 16GB DDR5 4800MHz
扩展	1 x M.2 Key-E 2230 (PCIe) 1 x M.2 Key-B 2242/3052 (PCIe, USB 2.0) 1 x M.2 Key-M 2280 (SATA/PCIe)	1 x M.2 Key-E 2230 (PCIe, USB 2.0) 1 x M.2 Key-B 2242/3052 (USB3.0, USB 2.0) 1 x M.2 Key-M 2280 (SATA/PCIe)	1 x M.2 Key-E 2230 (PCIe, USB2.0) 1 x M.2 Key-B 2242 Key M (NVMe x1, SATA)
存储	1 x M.2 Key-M 2280 NVMe (PCIe x 4)	1 x M.2 Key-M 2280 NVMe (PCIe x 4)	1 x M.2 Key-B 2242 Key M (NVMe x1, SATA)
USB	6 x USB 3.2 Gen.1	4 x USB 3.2 Gen.1 2 x USB 2.0	4 x USB 3.2 Gen.1
串行端口	4x RS-232	4x RS-232	2 x RS-232
显示芯片组	Intel® UHD Graphics for 13th Gen Intel® Processors or Intel® Iris® Xe Graphics Eligible for 12th Gen Intel® Processors	Intel® UHD Graphics for Intel® Processors	Intel® UHD Graphics for Intel® Processors
显示分辨率	HDMI 2.0: 2048 x 1080 @ 60Hz DP++: Max 4096 x 2340 @ 60Hz	HDMI 2.0: 2048 x 1080 @ 60Hz DP++: Max 4096 x 2340 @ 60Hz	HDMI 2.0: 4096 x 2160 @ 60Hz
音频芯片组	Realtek Audio Codec	Realtek Audio Codec	Realtek Audio Codec
音频接口	1 x Mic-in & Line-out	1 x Mic-in & Line-out	1 x Mic-in 1 x Line-out
以太网芯片组	1 x Intel® I226V 1 x Intel® I219V	1 x Intel® I226V 1 x Intel® I210AT	2 x Realtek 8111H
以太网接口	2 x RJ45	2 x RJ45	2 x RJ45
电源连接器	Lockable DC Jack	Lockable DC Jack	DC jack
电源信息	+12V	+12V	+12V
ACPI	Single Power ATX Support S0, S1, S3, S4, S5; ACPI 5.0 Compliant	Single Power ATX Support S0, S1, S3, S4, S5; ACPI 5.0 Compliant	Single Power ATX Support S0, S1, S3, S4, S5; ACPI 5.0 Compliant
电源模式	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)
尺寸(长 x 宽 x 高)	180 x 136 x 40 mm	180 x 136 x 40 mm	129 x 129 x 38.7mm
工作温度	-10°C ~ 50°C (14°F ~ 122°F) with 0.5m/s Air Flow	-10~55°C (14°F ~ 131°F) with 0.5m/s Air Flow	0°C ~ 40°C (32°F ~ 104°F) with 0.5m/s Air Flow
认证	CE, FCC Class A, UKCA	CE, FCC Class A, UKCA	CE, FCC Class A, UKCA

紧凑型计算系统



产品型号	EPC-WCL	EPC-RPU	EPC-TGU	EPC-TWL	EPC-ASL
主板	ECM-WCL	ECM-RPL	ECM-TGU	ECM-TWL	ECM-ASL
处理器	Intel® Core™ Series 3 Wildcat Lake-U 7/5/3 BGA Processor	13th Gen Intel® Raptor Lake-U Core™ i7/i5/i3 Processor	11th Gen Intel® Tiger Lake-U Core™ i7/i5/i3/ Celeron® Processor	Intel® Processor N150/ N250/ N355	Intel® Processor N97
系统内存	1 x 262-pin DDR5 6400MHz SO-DIMM Socket, Max. Up to 48GB	1 x 262-pin DDR5 4800MHz SO-DIMM Socket, Max. Up to 32GB	1 x 260-Pin DDR4 3200MHz SO-DIMM Socket, Max. Up to 32GB	1 x 262-pin DDR5 4800MHz SO-DIMM Socket, Max. Up to 16GB	1 x 262-pin DDR5 4800MHz SO-DIMM Socket, Max. Up to 16GB
扩展	1 x M.2 Key-B 2242/3042/3052 (PCIe x1, USB 3.2 GEN1, USB 2.0) 1 x M.2 Key-E 2230 (PCIe x1, USB 2.0)	1 x M.2 Key-B 2242/3042/3052 w/ SIM Slot (PCIe x1, USB 3.2 GEN1, USB 2.0) 1 x M.2 Key-M 2280 (PCIe Gen 4x4) 1 x M.2 Key-E 2230 (PCIe, USB 2.0, CNVi)	1 x M.2 Key-B 2242/3042 w/ SIM Slot (SATA3, USB 2.0) 1 x M.2 Key-M 2280 (PCIe Gen 4x4) 1 x M.2 Key-E 2230 (PCIe, USB 2.0)	1 x M.2 Key-B 2242/3042/3052 (PCIe x1, USB 3.2 GEN1, USB 2.0) 1 x M.2 Key-E 2230 (PCIe x1, USB 2.0)	1 x M.2 Key-B 2242/3042/3052 (PCIe x1, USB 3.2 GEN1, USB 2.0) 1 x M.2 Key-E 2230 (PCIe x1, USB 2.0)
存储	1 x M.2 Key-B 2242 (PCIe x1) 1 x M.2 Key-M 2280 NVMe (PCIe Gen4 x2)	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2280 NVMe (PCIe Gen4x4) 1 x 2.5" Drive Bay (7mm)	1 x M.2 Key-B 2242 SATA3) 1 x M.2 Key-M 2242 NVMe (PCIe Gen4x4) 1 x 2.5" Drive Bay (7mm)	1 x M.2 Key-B 2242 (PCIe x1) 1 x 2.5 Drive Bay (SATA3, 7mm)	1 x M.2 Key-B 2242 (PCIe x1) 1 x 2.5 Drive Bay (SATA3, 7mm)
USB	2 x USB 3.2 Gen 1 1 x USB 3.2 Gen 2 1 x USB Type-C (with USB 3.2 Gen 2 & DP 1.4a) 2 x USB2.0	3 x USB 2.0 3 x USB 3.2 Gen2 1 x USB 3.2 Gen 2 (Type C)	2 x USB 2.0 4 x USB 3.2 Gen 2	3 x USB2.0 3 x USB 3.2 Gen2	3 x USB2.0 3 x USB 3.2 Gen2
串行端口	2 x RS232/422/485	2 x RS232/422/485	2 x RS232/422/485	2 x RS232	2 x RS232
其他	4 x Antenna Mounting with Dust Protection Cover	4 x Antenna Mounting with Dust Protection Cover	2 x Antenna Mounting with Dust Protection Cover	4 x Antenna Mounting with Dust Protection Cover	4 x Antenna Mounting with Dust Protection Cover
显示芯片组	Intel® 3rd Gen Xe Cores Graphics	Intel® Iris® Xe Graphics for 13th Gen Intel® Processors	Intel® Iris® Xe Graphics (i7/i5) Intel® Iris® UHD Graphics (i3/ Celeron)	Intel® UHD Graphics	Intel® UHD Graphics
分辨率	1 x HDMI 2.0b: 4096 x 2160 @ 60Hz 1 x DP 1.4a: 4096 x 2160 @ 60Hz 1 x USB Type C Support DP: 4096 x 2160 @ 60Hz	1 x HDMI 2.0b: 4096 x 2160 @ 60Hz 1 x DP1.4: 7680 x 4320 @ 60Hz 1 x DP (Type C): 4096 x 2304 @ 60Hz	2 x DP++ 1.4a: 4096 x 2304 @ 60Hz	1 x HDMI 2.0b Max Resolution 4096 x 2160 @ 60Hz 1 x DP 1.4a Max Resolution 4096 x 2160 @ 60Hz	1 x HDMI 2.0b Max Resolution 4096 x 2160 @ 60Hz 1 x DP 1.4a Max Resolution 4096 x 2160 @ 60Hz
音频芯片组	Realtek Audio Codec	Realtek Audio Codec	Realtek Audio Codec	Realtek Audio Codec	Realtek Audio Codec
音频接口	1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in	1 x Combo Jack (Mic-in + Line-out)	1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in
以太网芯片组	1 x Intel® I226LM, 1 x Intel® I226V	2 x Intel® I226LM	2 x Intel® I226-LM	2 x Intel® I226V	2 x Intel® I226V
以太网接口	2 x RJ45	2 x RJ45	2 x RJ45	2 x RJ45	2 x RJ45
电源连接器	Lockable DC Jack	Lockable DC Jack	Lockable DC Jack	Lockable DC Jack	Lockable DC Jack
电源信息	+12V/ +24V	+12V/ +24V	+12V/ +24V	+12V/ +24V	+12V/ +24V
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant
电源模式	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)
适配器	120W AC to DC Adapter (Default)	120W AC to DC Adapter (Default)	60W AC to DC Adapter (Default)/ 120W AC to DC Adapter (Option)	60W AC to DC Adapter (Default)/ 120W AC to DC Adapter (Option)	60W AC to DC Adapter (Default)/ 120W AC to DC Adapter (Option)
结构	Aluminum + Metal	Aluminum + Metal	Aluminum + Metal	Aluminum + Metal	Aluminum + Metal
尺寸(长 x 宽 x 高)	6.97" x 4.94" x 2.24" (177x 126 x 57mm)	6.97" x 4.94" x 2.24" (177x 126 x 57mm)	6.97" x 4.84" x 2.17" (177 x 123 x 55mm)	6.97" x 4.96" x 2.24" (177 x 127 x 57mm)	6.97" x 4.96" x 2.24" (177 x 127 x 57mm)
工作温度	-10°C ~ 60°C (14°F ~ 140°F) with 0.5m/s Air Flow	0°C ~ 50°C (32°F ~ 122°F) with 0.5m/s Air Flow	0°C ~ 50°C (32°F ~ 122°F) with 0.5m/s Air Flow	-10°C ~ 60°C (14°F ~ 140°F) with 0.5m/s Air Flow	0°C ~ 50°C (32°F ~ 122°F) with 0.5m/s Air Flow
认证	CE, FCC, Class B, UKCA	CE, FCC, Class B, UKCA	CE, FCC Class B, UKCA	CE, FCC, Class B, UKCA	CE, FCC Class B, UKCA



EPC-EHL		EPC-EHL-8COM		EPC-EHL-8USB		EPC-EHL-4LAN		EPC-WHL	
ECM-EHL								ECM-WHL	
Intel® ATOM® Processor x6413E Processor								8th Generation Intel® Core™ i7/i5/i3/ Celeron® Processor	
1 x 260-Pin SO-DIMM Socket, Max. Up to 32GB DDR4 3200MHz								2 x 260-Pin DDR4 2400MHz SO-DIMM Socket Up to 64GB	
1 x M.2 (Key-E, 2230, PCIe1, USB2.0)								1 x M.2 (Key-B, 2242/3042, w/ SIM Slot) 1 x M.2 (Key-E, 2230, CNVi)	
1 x 2.5" Drive Bay (7mm) 1 x M.2 (Key-B, 2242)		1 x 2.5" Drive Bay (7mm)		1 x 2.5" Drive Bay (7mm)		1 x 2.5" Drive Bay (7mm) 1 x M.2 (Key-B, 2242)		1 x 2.5" Drive Bay (7mm) 1 x M.2 (Key-B, 2242)	
2 x USB 3.1 Gen2 2 x USB2.0		2 x USB 3.1 Gen2 2 x USB2.0		6 x USB 2.0 2 x USB 3.1 Gen2		2 x USB 3.1 Gen2 2 x USB 2.0		4 x USB 3.1 2 x USB2.0 (Factory Option)	
4 x RS232		8 x RS232		4 x RS232		2 x RS232		1 x RS232 (Factory Option)	
4 x Antenna Mounting with Dust Protection Cover								2 x Antenna Mounting with Dust Protection Cover	
Intel® UHD Graphics for 10th Gen Intel® Processors								Intel® UHD Graphics 620 (i7/i5/i3) Intel® UHD Graphics 610 (Celeron)	
1 x HDMI 2.0b: 4096 x 2160 @ 60Hz 1 x DP 1.4a: 4096 x 2160 @ 60Hz								2 x HDMI 1.4: 4096 x 2160 @ 24Hz	
Realtek Audio Codec		Realtek Audio Codec		Realtek Audio Codec		Realtek Audio Codec		Realtek Audio Codec	
1 x Line-out, 1 x Mic-in		1 x Line-out, 1 x Mic-in		1 x Line-out, 1 x Mic-in		1 x Line-out, 1 x Mic-in		1 x Line-out, 1 x Mic-in	
2 x Intel® I226-IT		2 x Intel® I226-IT		2 x Intel® I226-IT		4 x Intel® I226IT		1 x Intel® I210AT, 1 x Intel® I219LM	
2 x RJ45		2 x RJ45		2 x RJ45		4 x RJ45		2 x RJ45	
Lockable DC Jack		Lockable DC Jack		Lockable DC Jack		Lockable DC Jack		Lockable DC Jack	
+12V/ +24V		+12V/ +24V		+12V/ +24V		+12V/ +24V		+12V	
Single Power ATX Support S0, S3, S4, S5; ACPI 5.0 Compliant								Single Power ATX Support S0, S3, S4, S5; ACPI 5.0 Compliant	
AT/ ATX (ATX is Default Setting)								AT/ ATX (ATX is Default Setting)	
Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 12V/5A AC-DC 60W Adapter								Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 12V/10A AC-DC 120W Adapter	
Aluminum + Metal		Aluminum + Metal		Aluminum + Metal		Aluminum + Metal		Aluminum + Metal	
6.97" x 4.84" x 2.2" (177 x 123 x 65mm)		6.97" x 4.84" x 2.2" (177 x 123 x 65mm)		6.97" x 4.84" x 2.2" (177 x 123 x 65mm)		6.97" x 4.84" x 2.2" (177 x 123 x 65mm)		6.97" x 4.84" x 2.17" (177 x 123 x 55mm)	
-40°C ~ 60°C (-40°F ~ 140°F) with 0.2m/s Air Flow -40°C ~ 70°C (-40°F ~ 158°F) with 0.5m/s Air Flow						-40°C ~ 60°C (-40°F ~ 140°F) with 0.2m/s Air Flow -20°C ~ 60°C (-4°F ~ 140°F)		-10°C ~ 50°C (14°F ~ 122°F) with 0.5m/s Air Flow -10°C ~ 40°C (14°F ~ 104°F) with 0.2m/s Air Flow with 2.5" Hard Drive: 0°C ~ 40°C (32°F ~ 113°F) with 0.5m/s Air Flow	
CE, FCC Class B		CE, FCC Class B		CE, FCC Class B		CE, FCC Class B		CE, FCC Class B, UKCA	

紧凑型计算系统



产品型号	NUC-RPU	NUC-TGU	NUC-EHL
处理器	13th Generation Intel® Core™ i7/i5/i3 BGA Processor	11th Generation Intel® Core™ i7/ i5/ i3 BGA Processor	Intel® Celeron® J6412 Processor
系统内存	1 x 262-Pin SO-DIMM Socket Max. Up to 32GB DDR5 4800MHz	1 x 260-pin SODIMM Socket Max. Up to 64GB DDR4 3200 MT/s	1 x 260-pin SODIMM Socket Max. Up to 64GB DDR4 3200 MT/s
扩展	1 x M.2 Key-E 2230 (PCIe, USB 2.0) 1 x M.2 Key-B 2242/3042/3052 with Internal SIM Slot (PCIe, SATA, USB 3.0, USB 2.0) 1 x M.2 Key-M 2280 (PCIe4x4)	1 x M.2 (Key-M, 2280) 1 x M.2 (Key-B, 2242/3024/3052, w/ SIM Slot) 1 x M.2 (Key-E 2230)	1 x M.2 (Key-B, 2242/3042, w/ SIM Slot) 1 x M.2 (Key-B, 2242) 1 x M.2 (Key-E, 2230)
存储	1 x M.2 Key-M 2280 NVMe 1 x M.2 Key-B 2242 SSD	1 x M.2 (Key-M, 2280, NVMe) 1 x M.2 (Key-B, 2242)	1 x M.2 (Key-B, 2242)
USB	4 x USB 3.2 Gen 2 2 x USB 3.2 Gen1 2 x USB 2.0	4 x USB 3.2 Gen.2, 2 x USB 2.0	4 x USB 3.2 Gen.2, 2 x USB 2.0
串行端口	2 x RS-232/422/485 (BIOS)	2 x RS-232/422/485 (BIOS)	2 x RS-232/422/485 (BIOS)
其他	1 x Power on/off Button w/ LED 1 x LED for Storage, WLAN, WWLAN 1 x Kensington Lock	1 x Power on/off Button w/ LED 1 x LED for Storage/ WLAN/ WWLAN 4 x Antenna Mounting with Dust Cover 1 x Kensington Lock	1 x Power on/off Button w/ LED 1 x Storage LED 4 x Antenna Mounting with Dust Cover 1 x Kensington Lock 1 x Micro SD Slot
显示	4 x HDMI 2.0b: Max. Resolution 4096 x 2304 @ 60Hz	2 x HDMI 2.0b: Max. Resolution 4096 x 2304 @ 60Hz	2 x HDMI 2.0b: 4096 x 2304 @ 60Hz
音频	Realtek Audio Codec 1 x Mic-in, 1 x Line-out	Realtek Audio Codec 1 x Mic-in, 1 x Line-out	Realtek Audio Codec 1 x Mic-in, 1 x Line-out
以太网	1 x Intel I226V, 1 x Intel I219LM	1 x Intel I225LM, 1 x Intel I219LM	2 x Intel I225LM
电源连接器	Lockable DC Jack	Lockable DC Jack	Lockable DC Jack
电源信息	+12V	+12V	+12V
电源模式	ATX	ATX	ATX
适配器	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 120W Adapter (12V @ 10A)	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 120W Adapter (12V @ 10A)	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 120W Adapter (12V @ 10A)
工作温度	With Extended Temperature Peripherals w/ Air Flow: 0°C ~ 50°C (32°F ~ 122°F)	With Extended Temperature Peripherals w/ Air Flow: 0°C ~ 50°C (32°F ~ 122°F)	With Extended Temperature Peripherals w/ Air Flow: 0°C ~ 60°C (14°F ~ 122°F)
结构	Aluminum + Metal	Aluminum + Metal	Aluminum + Metal
安装套件	Stand/ Din Rail/ VESA	Stand/ Din Rail/ VESA	Stand/ Din Rail/ VESA
尺寸(长 x 宽 x 高)	6.85" x 4.92" x 1.52" (174 x 125 x 38.7mm)	6.69" x 4.92" x 1.42" (170 x 125 x 36 mm)	6.69" x 4.92" x 1.42" (170 x 125 x 36 mm)
重量	1 kg	1 kg	1 kg
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A



产品型号	NUC-ADN	NUC-APL	NUC-APL-Slim
处理器	Intel® Processor N97	Intel® Celeron® J3455/ N3350 Processor	Intel® Celeron® J3455/ N3350 Processor
系统内存	1 x 262-pin SODIMM Socket Max. Up to 16GB DDR5 4800 MHz	1 x 204-pin SO-DIMM Socket, Max. Up to 8GB DDR3L 1866MHz	1 x 204-pin SO-DIMM Socket, Max. Up to 8GB DDR3L 1866MHz
扩展	1 x M.2 (Key-E, 2230)	1 x M.2 (Key-B, 2242/3042, w/ SIM Slot) 1 x M.2 (Key-E, 2230)	1 x M.2 (Key-B, 2242/3042) 1 x M.2 (Key-E, 2230)
存储	1 x 2.5" Drive Bay (7 mm)	1 x 2.5" Drive Bay (7 mm) 1 x M.2 (Key-B,2242)	1 x M.2 (Key-B,2242)
USB	4 x USB 3.2 Gen.2 (Type A) 1 x USB3.2 Gen 2 (Type C)	4 x USB 3.0 (5Gbps)	4 x USB 3.0 (5Gbps)
串行端口	1 x RS-232/422/485 (BIOS) 1 x RS-232	1 x RS-232/422/485 (BIOS & Cable) 1 x RS-232	1 x RS-232/422/485 (BIOS & Cable)
其他	1 x Power on/off Button w/ LED 1 x Storage LED 2 x Antenna Mounting with Dust Cover	1 x Power on/off Button w/ LED 1 x Storage LED 2 x Antenna Mounting with Dust Cover	1 x Power on/off Button w/ LED 1 x Storage LED 2 x Antenna Mounting with Dust Cover
显示	2 x HDMI 2.0b: 4096 x 2160 @ 60Hz	2 x HDMI 1.4b: Max. Resolution 3840 x 2160 @ 30Hz 1 x DP (DVI-I/ VGA Factory Option): Max. Resolution 1920 x 1080 @ 60Hz	2 x HDMI 1.4b: Max. Resolution 3840 x 2160 @ 30Hz *1 x DP/ DVI-I/ VGA (Factory Option): Max. Resolution 1920 x 1080 @ 60Hz *DP/ DVI-I/ VGA is an Option which will Replace the Location of COM
音频	Realtek Audio Codec 1 x Audio Jack (Mic-in + Line-out)	Realtek Audio Codec 1 x Audio Jack (Mic-in + Line-out Combo)	Realtek Audio Codec 1 x Audio Jack (Mic-in + Line-out Combo)
以太网	2 x I226V	2 x Realtek RTL8111E Gigabit	2 x Realtek RTL8111E Gigabit
电源连接器	Lockable DC Jack	Lockable DC Jack	Lockable DC Jack
电源信息	+12V	+12V	+12V
电源模式	ATX	ATX	ATX
适配器	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 120W Adapter (12V @ 10A)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A)
工作温度	0°C ~ 50°C (32°F ~ 122°F) with 0.5m/s air flow	With Extended Temperature Peripherals w/ Air Flow: -10°C ~ 60°C (14°F ~ 140°F)	With Extended Temperature Peripherals w/ Air Flow: -10°C ~ 50°C (14°F ~ 122°F)
结构	Aluminum + Metal	Aluminum + Metal	Aluminum + Metal
安装套件	VESA/ Din Rail	VESA/ Din Rail	VESA/ Din Rail
尺寸(长 x 宽 x 高)	4.53" x 4.37" x 2.28" (115 x 111 x 58 mm)	4.53" x 4.37" x 2.28" (115 x 111 x 58 mm)	4.53" x 4.37" x 1.77" (115 x 111 x 45 mm)
重量	0.85 kg	0.85 kg	0.72 kg
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A

模块化计算系统



产品型号	EMS-RPR	EMS-ARH	EMS-MTH
处理器	14th Gen Intel® Core™ i9/i7/i5/i3 Processor (TDP 35W)	Intel® Arrow Lake-H Core™ Ultra 7/5 Processor (Series 2) (TDP 28W)	Intel® Meteor Lake-H Core™ Ultra 7/5 Processor (Series 1) (TDP 28W)
系统内存	2 x 262-Pin SO-DIMM Socket Max. Up to 64GB DDR5 5600MHz	2 x 262-Pin SO-DIMM Socket Max. Up to 64GB DDR5 6400MHz	2 x 262-Pin SO-DIMM Socket Max. Up to 64GB DDR5 5600MHz
扩展	1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (PCIe/SATA3, USB3.2, USB2.0) w/ SIM slot 1 x M.2 Key-M 2280 (PCIex4/SATA3) 1 x M.2 Key-E 2230 (PCIe, USB2.0)	1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (PCIe/SATA3, USB3.2, USB2.0) w/ SIM slot 1 x M.2 Key-M 2280 (PCIex4) 1 x M.2 Key-E 2230 (PCIe, USB2.0)	1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (PCIe/SATA3, USB3.2, USB2.0) w/ SIM slot 1 x M.2 Key-M 2280 (PCIex4) 1 x M.2 Key-E 2230 (PCIe, USB2.0)
存储	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2280 (PCIex4/SATA3), supports NVMe	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2280 (PCIex4) supports NVMe	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2280 (PCIex4) supports NVMe
USB	2 x USB2.0 4 x USB 3.2 Gen.1	2 x USB2.0, 4 x USB 3.2 Gen.1	2 x USB2.0, 4 x USB 3.2 Gen.1
串行端口	2 x COM RS232/422/485 w/ 3kV Isolation	2 x COM RS232/422/485	2 x COM RS232/422/485
其他	2 x CAN FD compatible with CAN 2.0A/B w/ 3kV Isolation 8 x Antenna Mounting w/ Dust Cover	8 x Antenna Mounting w/ Dust Cover	8 x Antenna Mounting w/ Dust Cover
DIO	1 x 8-bit GPIO w/ 3kV Isolation	1 x 8-bit GPIO	1 x 8-bit GPIO
显示芯片组	Intel® UHD Graphics 770	Intel® Arc™ Graphics	Intel® Arc™ Graphics
显示分辨率	1 x DP++: 4096x2304 @ 60Hz 2 x HDMI : 4096x2160 @ 24Hz	1 x DP++ : 4096 x 2304 @ 60Hz 2 x HDMI : 4096 x 2304 @ 60Hz	1 x DP++ : 4096 x 2304 @ 60Hz 2 x HDMI : 4096 x 2304 @ 60Hz
音频芯片组	Realtek Audio Codec	Realtek Audio Codec	Realtek Audio Codec
音频接口	1 x Mic-in 1 x Line-out	1 x Mic-in 1 x Line-out	1 x Mic-in 1 x Line-out
以太网芯片组	1 x Intel® Ethernet GbE Controller 1 x Intel® Ethernet GbE PHY Controller	2 x Intel® I226-IT	2 x Intel® I226-IT
以太网接口	2 x RJ45	2 x RJ45	2 x RJ45
电源连接器	3-Pin Terminal Block	3-Pin Terminal Block	3-Pin Terminal Block
电源信息	Typical +12/ 24Vdc (+9V ~ +36Vdc)	Typical +12/ 24Vdc (+9V ~ +36Vdc)	Typical +12/ 24Vdc (+9V ~ +36Vdc)
ACPI	Single Power ATX Support S0, S4, S5 ACPI 5.0 Compliant	Single Power ATX Support S0, S4, S5 ACPI 5.0 Compliant	Single Power ATX Support S0, S4, S5 ACPI 5.0 Compliant
电源模式	AT/ ATX (ATX Default) Ignition Control and Power Management	AT/ ATX (ATX Default)	AT/ ATX (ATX Default)
适配器	Optional AC-DC Adapter (150W)	Optional AC-DC Adapter (120W)	Optional AC-DC Adapter (120W)
结构	Aluminum + Metal	Aluminum + Metal	Aluminum + Metal
尺寸(长 x 宽 x 高)	240 x 150 x 59 mm (Standard) 240 x 150 x 85 mm (w/ IET Module)	240 x 150 x 59 mm (Standard) 240 x 150 x 85 mm (w/ IET Module)	240 x 150 x 59 mm (Standard) 240 x 150 x 85 mm (w/ IET Module)
工作温度	-40°C ~ 60°C (w/ SSD) Ambient w/ Air Flow, Fanless -40°C ~ 70°C (w/ SSD) Ambient w/ Air Flow, Fan kit	-40°C ~ 50°C (w/ SSD) Ambient w/ Air Flow	-40°C ~ 50°C (w/ SSD) Ambient w/ Air Flow
认证	CE, FCC Class B, UKCA	CE, FCC Class B, UKCA	CE, FCC Class B, UKCA



EMS-MTU	EMS-TGL	EMS-ADNC	EMS-EHL
Intel® Meteor Lake-U Core™ Ultra 7/5 Processor (Series 1)(TDP 15W)	11th Gen Intel® Tiger Lake-U Core™ i7/i5/i3 Processor (TDP 15W)	Intel® Alder Lake-N N97 Processor	Intel® Elkhart Lake Celeron® J6413 / Atom® x6425E Processor
2 x 262-Pin SO-DIMM Socket Max. Up to 64GB DDR5 5600MHz	2 x 260-Pin SO-DIMM Socket Max. Up to 64GB DDR4 3200MHz	2 x 262-Pin SO-DIMM Socket Max. Up to 64GB DDR5 5600MHz	1 x 260-Pin SO-DIMM Socket Max. Up to 32GB DDR4 3200MHz
1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (PCIe/SATA3, USB3.2, USB2.0) w/ SIM slot 1 x M.2 Key-M 2280 (PCIex4) 1 x M.2 Key-E 2230 (PCIe, USB2.0)	1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (PCIe/SATA3, USB3.2) w/ SIM Slot 1 x M.2 Key-E 2230 (PCIe, USB2.0) 1 x M.2 Key-M 2242/2280 (PCIex4)	1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (PCIe/SATA3, USB3.2, USB2.0) w/ SIM Slot 1 x M.2 Key-E 2230 (PCIe, USB2.0)	1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (PCIe/SATA, USB3.2) w/ SIM Slot 1 x M.2 Key-E 2230 (PCIe, USB2.0)
1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2280 (PCIex4) supports NVMe	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2242/2280 (PCIex4) supports NVMe	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-M 2280 (SATA3)	1 x M.2 Key-B 2242 (SATA3) 1 x M.2 Key-B 2242/2280 (SATA3)
2 x USB2.0, 4 x USB 3.2 Gen.1	2 x USB 3.1 Gen.1 2 x USB 3.1 Gen.2	2 x USB2.0 4 x USB 3.2 Gen.1	2 x USB 3.2 Gen.1 2 x USB 3.2 Gen.2
2 x COM RS232/422/485	2 x COM RS232/422/485	2 x COM RS232/422/485 w/ 3kV Isolation	2 x COM RS232/422/485
8 x Antenna Mounting w/ Dust Cover	8 x Antenna Mounting w/ Dust Cover	2 x CAN FD compatible with CAN 2.0A/B w/ 3kV Isolation 8 x Antenna Mounting w/ Dust Cover	8 x Antenna Mounting w/ Dust Cover
1 x 8-bit GPIO	1 x 8-bit GPIO	1 x 8-bit GPIO w/ 3kV Isolation	1 x 8-bit GPIO
Intel® Graphics	Intel® Iris® Xe Graphics (Core i7/i5) Intel® UHD Graphics (Core i3)	Intel® UHD Graphics	Intel® UHD Graphics
1 x DP++ : 4096 x 2304 @ 60Hz 2 x HDMI : 4096 x 2304 @ 60Hz	1 x DP++ : 4096 x 2304 @ 60Hz 1 x HDMI : 4096 x 2304 @ 60Hz	1 x DP++: 4096x2304 @ 60Hz 2 x HDMI : 4096x2160 @ 24Hz	1 x DP++ : 4096 x 2304 @ 60Hz 1 x HDMI : 4096 x 2304 @ 60Hz
Realtek Audio Codec	Realtek Audio Codec	Realtek Audio Codec	Realtek Audio Codec
1 x Mic-in 1 x Line-out	1 x Mic-in 1 x Line-out	1 x Mic-in 1 x Line-out	1 x Mic-in 1 x Line-out
2 x Intel® I226-IT	1 x Intel® I225-LM 1 x Intel® I219-LM	2 x Intel® I210	2 x Intel® I226-IT
2 x RJ45	2 x RJ45	2 x RJ45	2 x RJ45
3-Pin Terminal Block	3-Pin Terminal Block	3-Pin Terminal Block	3-Pin Terminal Block
Typical +12/ 24Vdc (+9V ~ +36Vdc)	Typical +12/ 24Vdc (+9V ~ +36Vdc)	Typical +12/ 24Vdc (+9V ~ +36Vdc)	Typical +12/ 24Vdc (+9V ~ +36Vdc)
Single Power ATX Support S0, S4, S5 ACPI 5.0 Compliant	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant	Single Power ATX Support S0, S4, S5 ACPI 5.0 Compliant	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant
AT/ ATX (ATX Default)	AT/ ATX (ATX Default)	AT/ ATX (ATX Default) Ignition Control and Power Management	AT/ ATX (ATX Default)
Optional AC-DC Adapter (120W)	Optional AC-DC Adapter (60W)	Optional AC-DC Adapter (60W)	Optional AC-DC Adapter (60W)
Aluminum + Metal	Aluminum + Metal	Aluminum + Metal	Aluminum + Metal
240 x 150 x 49 mm (Standard) 240 x 150 x 75 mm (w/ IET Module)	240 x 150 x 48 mm (Standard) 240 x 150 x 69 mm (w/ IET Module)	240 x 150 x 59 mm (Standard) 240 x 150 x 85 mm (w/ IET Module)	240 x 150 x 43 mm (Standard) 240 x 150 x 64 mm (w/ IET Module)
-40°C ~ 65°C (w/ SSD) Ambient w/ Air Flow	-40°C ~ 70°C (w/ SSD) Ambient Air Flow, WT SKU 0°C ~ 70°C (w/ SSD) Ambient w/ Air Flow, ST SKU	-40°C ~ 70°C (w/ SSD) Ambient w/ Air Flow	-40°C ~ 70°C (w/ SSD) ambient w/ Air Flow, WT SKU 0°C ~ 65°C (w/ SSD) Ambient w/ Air Flow, ST SKU
CE, FCC Class B, UKCA	CE, FCC Class B	CE, FCC Class B, UKCA	CE, FCC Class B, LVD 62368-1

交通系统



产品型号	VMS-EHLR	EMS-TGL-Marine	VMS-RPPS
处理器	Intel® Elkhart Lake Atom® x6425E Processor	11th Gen Intel® Tiger Lake-U Core™ i7/i5/i3 Processor (TDP 15W)	13th Gen Intel® Raptor Lake-PS Core™ 7/5/3/ Celeron® Processor (TDP 15W)
系统内存	1x 260-Pin SO-DIMM Socket Max. Up to 32GB DDR4 3200MHz	2x 260-Pin SO-DIMM Socket Max. Up to 64GB DDR4 3200MHz	2x 262-Pin SO-DIMM Socket Max. Up to 64GB DDR5 4800MHz
扩展	1x M.2 Key-B 2242/ 3042/3052 (PCIe, USB 3.2) w/ SIM Slot1(External) 1x M.2 Key-E 2230 (PCIe, USB 2.0) 1x mPCIe (PCIe, USB 2.0) w/ SIM Slot2 (External)	1x M.2 Key-B 2242/3042/3052 (PCIe/SATA3, USB3.2) w/ SIM Slot 1x M.2 Key-E 2230 (PCIe, USB2.0) 1x M.2 Key-M 2242/2280 (PCIex4)	1x M.2 Key-B 2242/3042/3052 (PCIe, USB3.2) w/ SIM Slot1(External) 1x M.2 Key-E 2230 (PCIe, USB 2.0) 1x Full Size Mini PCIe (PCIe/ USB 2.0) w/ SIM Slot2 (External)
存储	1x M.2 Key-B 2242(SATA3) 1x 2.5" Drive Bay(SATA3)	1x M.2 Key-B 2242(SATA3) 1x M.2 Key-M 2242/2280 (PCIex4) Supports NVMe	1x M.2 Key-M 2280 (PCIex4) Supports NVMe 2x 2.5" Drive Bay (SATA3)
USB	2x USB 3.2 Gen.2 1x USB 2.0 (M12 A-coded)	2x USB 2.0 2x USB 3.2 Gen.1 2x USB 3.2 Gen.2	2x USB 2.0 2x USB 3.2 Gen.2
串行端口	2x RS-232/422/485	2x RS-232/422/485 4x RS-232/422/485 w/ 2.5KV Isolation	3x RS232/422/485
其他	1x CAN 2.0B (DB9) 2x SIM Card Slot (External Accessible w/ Dust Cover) 7x Antenna Mounting w/ Dust Cover	8x Antenna Mounting w/ Dust Cover	2x SIM Card Slot (External Accessible w/ Dust Cover) 8x Antenna Mounting w/ Dust Cover 1x GND
DIO	1x 8-Bit GPIO w/ 2.5KV Isolation	1x 8-bit GPIO	1x 10-bits GPIO
显示芯片组	Intel® UHD Graphics	Intel® Iris® Xe Graphics (Core i7/i5) Intel® UHD Graphics (Core i3)	Intel® Graphics
显示分辨率	1x DP++: 4096 x 2304 @ 60Hz 1x HDMI: 4096 x 2304 @ 60Hz 1x VGA: 1920 x 1080 @ 60Hz	1x DP++: 4096 x 2304 @ 60Hz 1x HDMI: 4096 x 2304 @ 60Hz	2x DP++: 4096x2304 @ 60Hz 2x HDMI: 4096 x 2304 @ 60Hz
音频接口	Mic-in, Line-out, Line-in (DB15)	1x Mic-in 1x Line-out	1x Mic-in 1x Line-out
以太网芯片组	2x Intel® I210-IT	1x Intel® I225-LM 1x Intel® I219-LM	4x Intel® I226IT
以太网接口	2x M12 (X-coded)	2x RJ45	4x RJ-45 (4x PoE Available for BOM Option)
电源信息	Typical 24Vdc (+9V ~ +36V) w/ Isolation	Typical 12/ 24Vdc (+9V ~ +36V) w/ Isolation	Typical 12/24/48 Vdc (+9 ~ 60Vdc)
电源模式	AT/ ATX (AT Default), w/ Ignition Control and Power Management	AT/ ATX (ATX Default)	AT/ ATX (AT Default), w/ Ignition Control and Power Management
尺寸(长 x 宽 x 高)	240 x 150 x 55 mm	240 x 150 x 69 mm	239 x 160 x 56 mm
工作温度	-40°C ~ 70°C (-40°F ~ 158°F)(w/ SSD) Ambient w/ Air Flow, Follow EN50155, Class OT4	-40°C ~ 60°C (-40°F ~ 140°F)(w/ SSD) Ambient w/ Air Flow	Standard System: -40°C ~ 65°C (-40°F ~ 149°F) Ambient w/ Air Flow System with PoE: -40°C ~ 60°C (-40°F ~ 140°F) Ambient w/ Air Flow
认证	CE, FCC Class A, EN50155, EN50121	CE, FCC Class A, IEC 60945, IP50 Rating	CE, FCC Class A, E24 Mark, ISO 7637-2



VMS-CFS	VMS-CFS-PSE	VMS-CFS-SLIM	VMS-APL
8/9th Gen Intel® Core™ i7/i5/i3/ Pentium®/ Celeron® Processor (TDP 35W)	8/9th Gen Intel® Core™ i7/i5/i3/ Pentium®/ Celeron® Processor (TDP 35W)	8/9th Gen Intel® Core™ i7/i5/i3/ Pentium®/ Celeron® Processor (TDP 35W)	Intel® Pentium® N4200 Intel® Celeron® N3350/ J3455 Intel Atom® x7-E3950/ x5-E3940/ x5-E3930
2 x 260-Pin SO-DIMM Socket Max. Up to 64GB DDR4 2400/2666MHz	2 x 260-Pin SO-DIMM Socket Max. Up to 64GB DDR4 2400/2666MHz	2 x 260-Pin SO-DIMM Socket Max. Up to 64GB DDR4 2400/2666MHz	1 x 204-Pin SO-DIMM Socket Max. Up to 8GB DDR3L 1866MHz
1 x Avalue 80-Pin IET Interface 1 x mPCIe (PCIe, USB 2.0) w/ SIM Slot1(External) 2 x M.2 Key-B 2242/ 2280/ 3042 (PCIe, USB 3.1, SATA3) w/ SIM Slot2, 3(External) 1 x M.2 Key-E 2230 (PCIe, USB 2.0) 1 x CAN Bus Module Interface	1 x mPCIe (PCIe, USB 2.0) w/ SIM Slot1(External) 2 x M.2 Key-B 2242/ 2280/ 3042 (PCIe, USB 3.1, SATA3) w/ SIM Slot2, 3(External) 1 x M.2 Key-E 2230 (PCIe, USB 2.0) 1 x CAN Bus Module Interface	1 x mPCIe (PCIe, USB 2.0) w/ SIM Slot1(External) 2 x M.2 Key-B 2242/ 2280/ 3042 (PCIe, USB 3.1, SATA3) w/ SIM Slot2, 3(External) 1 x M.2 Key-E 2230 (PCIe, USB 2.0) 1 x CAN Bus Module Interface	1 x Avalue 80-Pin IET Interface 2 x mPCIe (PCIe, USB2.0) w/ SIM Slot1, 2 (External) 1 x CAN Bus Module Interface
2 x 2.5" Drive Bay (SATA3) 2 x M.2 Key-B 2242/2280 (SATA3)	2 x 2.5" Drive Bay (SATA3) 2 x M.2 Key-B 2242/2280 (SATA3)	2 x M.2 Key-B 2242/2280 (SATA3)	1 x 2.5" Drive Bay (SATA3) 1 x M.2 Key-B 2242 (SATA3) 1 x SD (3.0)
6 x USB 3.1	2 x USB 2.0 6 x USB 3.1	6 x USB 3.1	4 x USB 3.0
1 x RS232 2 x RS-232/422/485	1 x RS232 2 x RS-232/422/485	1 x RS232 2 x RS-232/422/485	2 x RS-232/422/485
3 x SIM Card Slot (External Accessible w/ Dust Cover) 5 x Antenna Mounting w/ Dust Cover	3 x SIM Card Slot (External Accessible w/ Dust Cover) 5 x Antenna Mounting w/ Dust Cover	3 x SIM Card Slot (External Accessible w/ Dust Cover) 5 x Antenna Mounting w/ Dust Cover	2 x SIM Card Slot (External Accessible w/ Dust Cover) 5 x Antenna Mounting w/ Dust Cover
1 x 8-Bit GPIO w/ 1.5KV Isolation	1 x 8-Bit GPIO w/ 1.5KV Isolation	1 x 8-Bit GPIO w/ 1.5KV Isolation	1 x 8-Bit GPIO
Intel® UHD Graphics 630/ 610	Intel® UHD Graphics 630/610	Intel® UHD Graphics 630/ 610	Intel® HD Graphics 505/500
1 x DP: 4096 x 2160 @ 60Hz 2 x HDMI: 4096 x 2160 @ 30Hz 1 x LVDS: 1920 x 1200 @ 60Hz	1 x DP: 4096 x 2160 @ 60Hz 2 x HDMI: 4096 x 2160 @ 30Hz 1 x LVDS: 1920 x 1200 @ 60Hz	1 x DP: 4096 x 2160 @ 60Hz 2 x HDMI: 4096 x 2160 @ 30Hz	1 x DP: 4096 x 2160 @ 60Hz 1 x LVDS: 1920 x 1200 @ 60Hz
2 x Mic-in 2 x Line-out	2 x Mic-in 2 x Line-out	2 x Mic-in 2 x Line-out	2 x Mic-in 2 x Line-out
1 x Intel® I211-AT 1 x Intel® I219-LM	1 x Intel® I211-AT 1 x Intel® I219-LM 4 x Intel® WG82574L	1 x Intel® I211-AT 1 x Intel® I219-LM	2 x Intel® I211-AT
2 x RJ45	6 x RJ45 (4 x Ports Support 802.3af PoE)	2 x RJ45	2 x RJ45
Typical 12/ 24Vdc (+9V ~ +36V)	Typical 12/ 24Vdc (+9V ~ +36V)	Typical 12/ 24Vdc (+9V ~ +36V)	Typical 12/ 24Vdc (+9V ~ +36V)
AT/ ATX (AT Default) w/ Ignition Control and Power Management	AT/ ATX (AT Default) w/ Ignition Control and Power Management	AT/ ATX (AT Default) w/ Ignition Control and Power Management	AT/ ATX (AT Default), w/ Ignition Control and Power Management
240 x 210 x 110 mm	240 x 210 x 110 mm	240 x 210 x 75 mm	239 x 186 x 62 mm
-40°C ~ 70°C (-40°F ~ 158°F)(w/ SSD) Ambient w/ Air Flow	-40°C ~ 60°C (-40°F ~ 140°F)(w/ SSD) Ambient w/ Air Flow	-40°C ~ 60°C (-40°F ~ 140°F)(w/ SSD) Ambient w/ Air Flow	N4200/ N3350/J3455: -20°C ~ 70°C (-4°F ~ 158°F)(w/ SSD) Ambient w/ Air Flow E3950/ E3940/ E3930: -40°C ~ 70°C (-40°F ~ 158°F)(w/ SSD) Ambient w/ Air Flow
CE, FCC Class A, E13 Mark, ISO7637-2, IP50 Rating	CE, FCC Class A, E13 Mark, ISO7637-2, IP50 Rating	CE, FCC Class A, E13 Mark, ISO7637-2, IP50 Rating	CE, FCC Class B, E13 Mark, ISO7637-2, IP50 Rating

准系统



产品型号	BMX-T550-B	BMX-T820	BMX-P820
处理器	Intel® 13th Gen Core™ i9/i7/i5/i3 Processor 35W TDP Processor Intel® Core™ i9-13900TE Processor Intel® Core™ i7-13700TE Processor Intel® Core™ i5-13500TE Processor Intel® Core™ i3-13100TE Processor 65W TDP Processor Intel® Core™ i9-13900E Processor Intel® Core™ i7-13700E Processor Intel® Core™ i5-13500E Processor Intel® Core™ i3-13100E Processor	Intel® 13th Gen Core™ i9/i7/i5/i3 Processor 35W TDP Processor Intel® Core™ i9-13900TE Processor Intel® Core™ i7-13700TE Processor Intel® Core™ i5-13500TE Processor Intel® Core™ i3-13100TE Processor 65W TDP Processor Intel® Core™ i9-13900E Processor Intel® Core™ i7-13700E Processor Intel® Core™ i5-13500E Processor Intel® Core™ i3-13100E Processor	Intel® 14th Gen Core™ i7/i5/i3 Processor 35W TDP Processor Intel® Core™ i7-14700T Processor Intel® Core™ i5-14500T Processor Intel® Core™ i3-14100T Processor 65W TDP Processor Intel® Core™ i7-14700 Processor Intel® Core™ i5-14500 Processor Intel® Core™ i3-14100 Processor
平台控制器中枢	Intel® H610E Chipset	Intel® H610E Chipset	Intel® H610E Chipset
系统内存	2 x SODIMM Sockets Support Dual Channel DDR5 5600MHz Up to 64GB	2 x SODIMM Sockets Support Dual Channel DDR5 5600MHz Up to 64GB	2 x SODIMM Sockets Support Dual Channel DDR5 5600MHz Up to 64GB
扩展	1 x M.2 Key-E 2230 CNVi (PCIe x 1, USB 2.0) 1 x M.2 Key-M 2242/2280 (PCIe x 4) 1 x PCIe x 16 (Gen 4)	1 x M.2 Key-E 2230 CNVi (PCIe x 1, USB 2.0) 1 x M.2 Key-M 2242/2280 (PCIe x 4)	1 x M.2 Key-M 2242/2280 (PCIe x 4) 1 x PCIe x 16 (Gen 4) (NVIDIA RTX 2000 Ada Generation Graphics Card, by Optional)
存储	1 x M.2 Key-M 2242/2280 NVMe (PCIe x 4, SATA3) 2 x Internal 2.5" Drive Bay (12.5mm)	1 x M.2 Key-M 2242/2280 NVMe (PCIe x 4, SATA3) 1 x Internal 2.5" Drive Bay (12.5mm)	1 x M.2 Key-M 2242/2280 NVMe (PCIe x 4, SATA3) 2 x Internal 2.5" Drive Bay
机箱扩展插槽与存储位	2 x PCIe Expansion Slots (Full-height) 2 x Internal 2.5" Drive Bay	1 x Internal 2.5" Drive Bay	4 x PCIe Expansion Slots (Full-height) 2 x Internal 2.5" Drive Bay 1 x Internal 3.5" Drive Bay
USB	Front I/O: 2 x USB 2.0 Rear I/O: 2 x USB 2.0, 4 x USB 3.2	Front I/O: 2 x USB 2.0 Rear I/O: 2 x USB 2.0, 2 x USB 3.2	Front I/O: 2 x USB 2.0, 2 x USB 3.2 Rear I/O: 2 x USB 2.0, 4 x USB 3.2
串行端口	2 x RS-232/422/485	1 x RS-232, 2 x RS-232/422/485	2 x RS-232/422/485
显示芯片组	Intel® UHD Graphics	Intel® UHD Graphics	Intel® UHD Graphics 770 (Depends on CPU)
显示分辨率	2 x DP: 4096x2304@60Hz 1 x HDMI: 3840x2160@30Hz	1 x DP++ 1.4a: 4096 x 2304 @ 60Hz 1 x HDMI 1.4b: 3840 x 2160 @ 30Hz	2 x DP: 4096 x 2304 @ 60Hz 1 x HDMI: 3840 x 2160 @ 30Hz
音频芯片组	Realtek HD Audio	Realtek HD Audio	Realtek HD Audio
以太网芯片组	Intel® I219-LM Ethernet Controller (1GbE) Intel® I225-V Ethernet Controller (2.5GbE)	Intel® I219-V Ethernet Controller (1GbE) Intel® I225-LM Ethernet Controller (2.5GbE)	Intel® I219-LM Ethernet Controller (1GbE) Intel® I225-V Ethernet Controller (2.5GbE)
以太网接口	2 x RJ45	2 x RJ45	2 x RJ45
电源信息	220W Flex ATX Power Supply	AC to DC Adapter	500W PS2 ATX Power Supply
输入电压	100 Vac~240 Vac	+12/24Vdc	100 Vac~240 Vac
ACPI	Single Power ATX Support S0, S3, S4, S5	Single Power ATX Support S0, S3, S4, S5	Single Power ATX Support S0, S3, S4, S5
电源模式	AT/ ATX Mode (Default: ATX Mode)	AT/ ATX Mode (Default: ATX Mode)	AT/ ATX Mode (Default: ATX Mode)
颜色	Black	Black	Black
尺寸(长 x 宽 x 高)	283 x 268 x 77 mm	210 x 206 x 55 mm	185 x 306 x 350 mm
毛重	4.7 kg	2.2 kg	5.6 kg
工作温度	0°C~40°C (32°F~104°F) with 0.5m/s Air Flow	0°C~40°C (32°F~104°F) with 0.5m/s Air Flow	0°C ~ 40°C (32°F ~ 104°F) with 0.5m/s Air Flow
认证	CE, FCC Class B, UKCA	CE, FCC Class A, UKCA	TBD



产品型号	BMX-P850	BMX-P820A	BMX-P550
处理器	Intel® 14th Gen Core™ i9/i7/i5/i3 Processor 35W TDP Processor Intel® Core™ i9-14900T Processor Intel® Core™ i7-14700T Processor Intel® Core™ i5-14500T Processor Intel® Core™ i3-14100T Processor 65W TDP Processor Intel® Core™ i9-14900 Processor Intel® Core™ i7-14700 Processor Intel® Core™ i5-14500 Processor Intel® Core™ i3-14100 Processor	Intel® 14th Gen Core™ i7/i5/i3 Processor 35W TDP Processor Intel® Core™ i7-14700T Processor Intel® Core™ i5-14500T Processor Intel® Core™ i3-14100T Processor 65W TDP Processor Intel® Core™ i7-14700 Processor Intel® Core™ i5-14500 Processor Intel® Core™ i3-14100 Processor	Intel® 14th Gen Core™ i7/i5/i3 Processor 35W TDP Processor Intel® Core™ i7-14700T Processor Intel® Core™ i5-14500T Processor Intel® Core™ i3-14100T Processor 65W TDP Processor Intel® Core™ i7-14700 Processor Intel® Core™ i5-14500 Processor Intel® Core™ i3-14100 Processor
平台控制器中枢	Intel® R680E Chipset	Intel® H610E Chipset	Intel® H610E Chipset
系统内存	4 x U-DIMM Sockets Support Quad Channel DDR5 4400MHz Up to 128GB (ECC Memory Support by CPU)	2 x U-DIMM Sockets Support Dual Channel DDR5 4800MHz Up to 64GB	2 x SODIMM Sockets Support Dual Channel DDR5 5600MHz Up to 64GB
扩展	1 x M.2 M-Key 2242/2280/22110 NVMe (Gen 4 PCIe x4) 1 x M.2 M-Key 2242/2280/22110 NVMe (Gen 3 PCIe x4) 1 x PCIe x16 (Gen 5) 2 x PCIe x4 (x16 Physical, Gen 4) 1 x PCIe x4 (Gen 3)	1 x M.2 M-Key 2242/2280/22110 NVMe (Gen 4 PCIe x4) 1 x PCIe x16 (Gen 5) 1 x PCIe x1 (x4 Physical, Gen 3) 2 x PCIe x1 (x16 Physical, Gen 3) 4 x Full-Height Expansion Slots 1 x 5.25" CD ROM	1 x M.2 Key-M 2242/2280 (PCIe x4) 1 x PCIe x16 (Gen 4) (NVIDIA RTX 2000 Ada Generation Graphics Card, by Optional)
存储	1 x M.2 M-Key 2242/2280/22110 NVMe (Gen 4 PCIe x4, SATA3) 1 x M.2 M-Key 2242/2280/22110 NVMe (Gen 3 PCIe x4, SATA3) 2 x Internal 2.5" Drive Bay 2 x Internal 3.5" Drive Bay	1 x M.2 M-Key 2242/2280/22110 NVMe (PCIe x4 + SATA III) 1 x Internal 2.5" Drive Bay 2 x Internal 3.5" Drive Bay	1 x M.2 M-Key 2242/2280 NVMe (PCIe x4 + SATA III) 2 x Internal 2.5" Drive Bay
机箱扩展插槽与存储位	7 x PCIe Expansion Slots (Full-height) 2 x Internal 2.5" Drive Bay 2 x Internal 3.5" Drive Bay	4 x PCIe Expansion Slots (Full-height) 1 x Internal 2.5" Drive Bay 2 x Internal 3.5" Drive Bay	2 x PCIe Expansion Slots (Half-height) 3 x Internal 2.5" Drive Bay
USB	Front I/O: 2 x USB 3.2 Rear I/O: 6 x USB 3.2, 1 x USB 3.2 Type C	Front I/O: 4 x USB 3.2 Gen1x1, 2 x USB 2.0	Front I/O: 2 x USB 2.0 Rear I/O: 2 x USB 2.0, 4 x USB 3.2
串行端口	NA	NA	2 x RS-232/422/485
显示芯片组	Intel® UHD Graphics 770 (Depends on CPU)	Intel® UHD Graphics 770 (Depends on CPU)	Intel® UHD Graphics 770 (Depends on CPU)
显示分辨率	4 x DP: 4096 x 2304 @ 60Hz	2 x DP: 7680 x 4320 @ 60Hz 1 x HDMI: 3840 x 2160 @ 60Hz	2 x DP: 4096 x 2304 @ 60Hz 1 x HDMI: 3840 x 2160 @ 30Hz
音频芯片组	Realtek HD Audio	Realtek HD Audio	Realtek HD Audio
以太网芯片组	Intel® I226-LM Ethernet Controller (2.5GbE) Intel® I226-LM Ethernet Controller (2.5GbE)	Intel® I219-V Ethernet Controller (1GbE) Intel® I225-LM Ethernet Controller (2.5GbE)	Intel® I219-LM Ethernet Controller (1GbE) Intel® I225-V Ethernet Controller (2.5GbE)
以太网接口	2 x RJ45	2 x RJ45	2 x RJ45
电源信息	500W / 850W PS2 ATX Power Supply	300W Flex ATX Power Supply	300W Flex ATX Power Supply
输入电压	100 Vac~240 Vac	100 Vac~240 Vac	100 Vac~240 Vac
ACPI	Single Power ATX Support S0, S3, S4, S5	Single Power ATX Support S0, S3, S4, S5	Single Power ATX Support S0, S3, S4, S5
电源模式	AT/ ATX Mode (Default: ATX Mode)	AT/ ATX Mode (Default: ATX Mode)	AT/ ATX Mode (Default: ATX Mode)
颜色	Black	Silver	Gray
尺寸(长 x 宽 x 高)	370 x 208 x 445 mm	320 x 317.2 x 164 mm	270 x 235 x 88 mm
毛重	5.8 kg	5.6 kg	4.7 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F) with 0.5m/s Air Flow	0°C ~ 40°C (32°F ~ 104°F) with 0.5m/s Air Flow	0°C ~ 40°C (32°F ~ 104°F) with 0.5m/s Air Flow
认证	TBD	TBD	TBD

机架式系统



产品型号	BAX-R1U0	BAX-R2U0	BAX-R4U0
M/B外形尺寸	Up to 12" (W) x 9.6" (D) ATX Compliant MB	Up to 12" (W) x 9.6" (D) ATX Compliant MB	Up to 12" (W) x 9.6" (D) ATX Compliant MB
工业标准	Compatible with EIA-RS310D Standard 19" Cabinets	Compatible with EIA-RS310D Standard 19" Cabinets	Compatible with EIA-RS310D Standard 19" Cabinets
尺寸(长 x 宽 x 高)	381 x 482.6 x 44.4 mm	504 x 482.6 x 88.9 mm	515 x 430 x 174.8 mm
硬盘架	External : 1 x Slim ODD Internal : 2 x 3.5" or 1 x 3.5" & 1 x 2.5"	External : 2 x 5.25" Internal : 4 x 3.5"	External: 3 x 5.25", 1 x 3.5" Internal: 3 x 3.5" or 2 x 3.5" & 1 x 2.5"
扩展槽	1 x Full Height PCIe Slot (via Riser Card and Bracket)	7 x Low Profile Expansion Slots	7 x Full Profile
冷却系统	2 x 40 x 28 mm Fans	2 x 80 x 25 mm Fans 1 x 97 mm Blower (Rear)	2 x 80 x 25 mm Fans 1 x 97 mm Blower (Rear)
前 I/O	2 x USB 2.0	2 x USB 2.0	2 x USB
按钮	System Power on/off System Reset	System Power on/off System Reset	System Power on/off System Reset
LED	Power Status, HDD, LAN Activity LEDs	Power Status, HDD, LAN Activity LEDs	Power Status, HDD, LAN Activity LEDs
CPU冷却器限制	Depend on CPU TDP	Depend on CPU TDP	Depend on CPU TDP
电源信息	315W 1U Flex 100-240Vac	500W PS2 100-240Vac	500W PS2 100-240Vac
材质	Material: SGCC Thickness: 1.0 mm		Material: SGCC Thickness: 1.2mm
导轨套件	Supports 20" Friction Slide Rail	Supports 28" Tool-less & Ball-bearing Slide Rails	Supports 28" Tool-less & Ball-bearing Slide Rails
工作温度	0°C ~ 35°C (32°F ~ 95°F) w/HDD, Ambient w/ 0.5m/s Air Flow	0°C ~ 35°C (32°F ~ 95°F) w/HDD, Ambient w/ 0.5m/s Air Flow	0°C ~ 40°C (32°F ~ 104°F) w/HDD, Ambient w/ 0.5m/s Air Flow
重量(底盘)	Net Weight: 3.67 kg Gross Weight : 4.79 kg	Net Weight: 7.18 kg Gross Weight : 10.12 kg	Net Weight: 11.5 kg Gross Weight : 14.7kg



产品型号	BAX-R1UA	BAX-R2UA	BAX-R4UA
M/B外形尺寸	Up to 12" (W) x 9.6" (D) ATX Compliant MB	Up to 12" (W) x 9.6" (D) ATX Compliant MB	Up to 12" (W) x 9.6" (D) ATX Compliant MB
工业标准	Compatible with EIA-RS310D Standard 19" Cabinets	Compatible with EIA-RS310D Standard 19" Cabinets	Compatible with EIA-RS310D Standard 19" Cabinets
尺寸(长 x 宽 x 高)	480 x 420 x 45 mm	490.2 x 428 x 88.5 mm	450 x 430 x 177 mm
硬盘架	Internal: 2 x 3.5" or 2.5"	Internal: 5 x 3.5" + 1 x 3.5 or 2.5"	Internal: 4 x 3.5" or 3 x 3.5" and 1 x 2.5"
扩展槽	1 x Full Height PCIe Slot (via Riser Card and Bracket)	7 x Low Profile PCIe Slot	7 x Full Height PCIe Slot
冷却系统	3 x 40 x 20S Fans	3 x 80 x 25 mm Fans	2 x 80 x 25 mm Fans 1 x 120 x 25 mm Fans
前 I/O	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
按钮	System Power on/off System Reset	System Power on/off System Reset	System Power on/off System Reset
LED	Power Status, HDD LEDs	Power Status, HDD, LAN Activity LEDs	Power Status, HDD LEDs
CPU冷却器限制	Depend on CPU TDP	Depend on CPU TDP	Depend on CPU TDP
电源信息	1U Single PSU	1U/2U Single PSU PS2 ATX PSU	PS2 ATX PSU
材质	Material: SGCC Thickness: 1.2 mm	Material: SGCC Thickness: 1.2 mm	Material: SGCC Thickness: 1.2 mm
导轨套件	Supports 28" Tool-less & Ball-bearing Slide Rails	Supports 28" Tool-less & Ball-bearing Slide Rails	Supports 28" Tool-less & Ball-bearing Slide Rails
工作温度	0°C ~ 40°C (32°F ~ 104°F) w/HDD, Ambient w/ 0.5m/s Air Flow	0°C ~ 40°C (32°F ~ 104°F) w/HDD, Ambient w/ 0.5m/s Air Flow	0°C ~ 40°C (32°F ~ 104°F) w/HDD, Ambient w/ 0.5m/s Air Flow
重量(底盘)	Net Weight: 4.1 kg	Net Weight: 5.5 kg	Net Weight: 11.4 kg



安勤的高性能计算机（HPC系列）具备卓越的高速数据处理与复杂运算执行能力。HPC系列作为新一代计算产品，可提供闪电般的实时分析与机制可靠的性能表现。该系列产品专为人工智能、5G通信、物联网、机器学习、边缘计算、医疗精密计算以及其他需要实时响应、高效能与可靠性的应用场景进行深度优化。

高性能计算机

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生成式人工智能解决方案



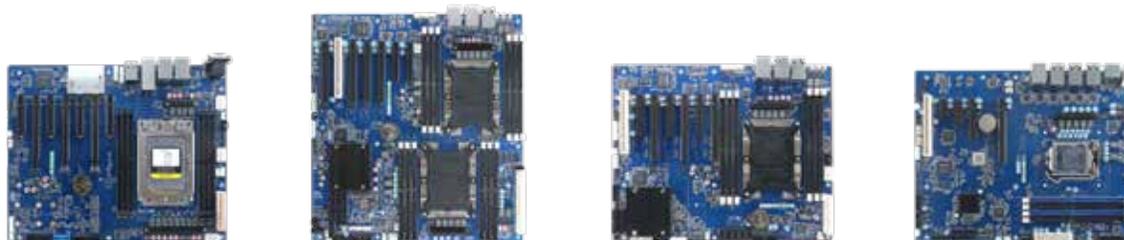
产品型号	GAI-ERS-70B	GAI-ERS-33B	GAI-ERS-13B
处理器 (CPU类型)	1 x Intel® Xeon® Silver 4514Y	1 x Intel® Xeon® Silver 4510	1 x Intel® Xeon® Silver 4510
系统芯片	Intel® C741 Chipset	Intel® C741 Chipset	Intel® C741 Chipset
系统内存	6 x DDR5 4800 96GB RDIMM 288pin 0 ~ 85°C (Total 576 GB)	4 x DDR5 5600 64GB RDIMM 288pin 0 ~ 85°C (Total 256 GB)	2 x DDR5 5600 64GB RDIMM 288pin 0 ~ 85°C (Total 128 GB)
存储	1 x M.2 2280 NVMe SSD 4TB 3D TLC for OS	1 x M.2 2280 NVMe SSD 4TB 3D TLC for OS	1 x M.2 2280 NVMe SSD 4TB 3D TLC for OS
IPMI	IPMI 2.0	IPMI 2.0	IPMI 2.0
扩展槽	4 x PCIe Gen5 x16 Slots 3 x PCIe Gen5 x4 Slots Slot 1, PCIe 5.0 x16 (GPU: RTX4000 Ada) Slot 2, PCIe 5.0 x4 Slot 3, PCIe 5.0 x16 (GPU: RTX4000 Ada) Slot 4, PCIe 5.0 x4 Slot 5, PCIe 5.0 x16 (GPU: RTX4000 Ada) Slot 6, PCIe 5.0 x4 Slot 7, PCIe 5.0 x16 (GPU: RTX4000 Ada) (Slot 7 is the Slot Closest to CPU)	4 x PCIe Gen5 x16 Slots 3 x PCIe Gen5 x4 Slots Slot 1, PCIe 5.0 x16 Slot 2, PCIe 5.0 x4 Slot 3, PCIe 5.0 x16 (GPU: RTX4000 Ada) Slot 4, PCIe 5.0 x4 Slot 5, PCIe 5.0 x16 Slot 6, PCIe 5.0 x4 Slot 7, PCIe 5.0 x16 (GPU: RTX4000 Ada) (Slot 7 is the Slot Closest to CPU)	4 x PCIe Gen5 x16 Slots 3 x PCIe Gen5 x4 Slots Slot 1, PCIe 5.0 x16 Slot 2, PCIe 5.0 x4 Slot 3, PCIe 5.0 x16 (GPU: RTX4000 Ada) Slot 4, PCIe 5.0 x4 Slot 5, PCIe 5.0 x16 Slot 6, PCIe 5.0 x4 Slot 7, PCIe 5.0 x16 (Slot 7 is the Slot Closest to CPU)
网口	5 x RJ45 MGMT Port for Dedicated IPMI Access Only LAN1 Port for 1GbE Shares with IPMI Access LAN2 Port for 2.5GbE LAN3 and 4 Ports for 10GbE	5 x RJ45 MGMT Port for Dedicated IPMI Access Only LAN1 Port for 1GbE Shares with IPMI Access LAN2 Port for 2.5GbE LAN3 and 4 Ports for 10GbE	5 x RJ45 MGMT Port for Dedicated IPMI Access Only LAN1 Port for 1GbE Shares with IPMI Access LAN2 Port for 2.5GbE LAN3 and 4 Ports for 10GbE
USB	Rear: 4 x USB 3.2 Gen1 Ports 2 x USB 2.0 Type A Ports	Rear: 4 x USB 3.2 Gen1 Ports 2 x USB 2.0 Type A Ports	Rear: 4 x USB 3.2 Gen1 Ports 2 x USB 2.0 Type A Ports
显示	AST 2600 BMC Controller	AST 2600 BMC Controller	AST 2600 BMC Controller
显示分辨率	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp
冷却风扇	1 x 120 x 25mm Front Fan 2 x 80 x 25mm Rear Fans	1 x 120 x 25mm Front Fan 2 x 80 x 25mm Rear Fans	1 x 120 x 25mm Front Fan 2 x 80 x 25mm Rear Fans
电源信息	1 x 1300W PS2 ATX PSU	1 x 1300W PS2 ATX PSU	1 x 1300W PS2 ATX PSU
工作温度	0 ~ 35°C (32 ~ 95°F)	0 ~ 35°C (32 ~ 95°F)	0 ~ 35°C (32 ~ 95°F)
尺寸(长 x 宽 x 高)	482.6 x 174.8 x 528 mm with Ear Mount	482.6 x 174.8 x 528 mm with Ear Mount	482.6 x 174.8 x 528 mm with Ear Mount
外形	19" 4U Rackmount	19" 4U Rackmount	19" 4U Rackmount
操作系统	Ubuntu 22.04 LTS	Ubuntu 22.04 LTS	Ubuntu 22.04 LTS

服务器主板



产品型号	HPM-GNRUA	HPM-GNRDE	HPM-ERSUA	HPM-ERSDE
处理器	Intel® LGA4710 Socket Supports Intel® Xeon® 6 6500P & 6700P Series Processor (Max. TDP at 350W)	Dual Intel® LGA4710 Sockets Support Intel® Xeon® 6 6500P & 6700P Series Processor (Max. TDP at 350W Each)	Intel® LGA4677 Socket Supports 4th and 5th Generation Intel® Xeon® Scalable Processor (Max. TDP at 270W)	Dual Intel® LGA4677 Sockets Support 4th and 5th Generation Intel® Xeon® Scalable Processor (Max. TDP at 270W Each)
系统芯片	N/A	N/A	Intel® C741 Chipset	Intel® C741 Chipset
系统内存	8 x DDR5 6400 MHz RDIMM & 8000 MHz MRDIMM Up to 2TB	16 x DDR5 6400 MHz RDIMM & 8000 MHz MRDIMM Up to 4TB	6 x DDR5 5600MHz RDIMM Up to 1.5TB	12 x DDR5 5600MHz RDIMM Up to 3TB
扩展	4 x PCIe Gen5 x16 Slots Slot 1, PCIe Gen5 x16 Slot 2, NA Slot 3, PCIe Gen5 x16 Slot 4, NA Slot 5, PCIe Gen5 x16 Slot 6, NA Slot 7, PCIe Gen5 x16 (Slot 7 is the Slot Closest to CPU)	5 x PCIe Gen5 x16 Slots and 1 x PCIe Gen5 x8 Slot Slot 1, PCIe 5.0 x16 from CPU1 Slot 2, PCIe 5.0 x16 from CPU2 Slot 3, PCIe 5.0 x16 from CPU2 Slot 4, PCIe 5.0 x16 from CPU2 Slot 5, PCIe 5.0 x16 from CPU2 Slot 6, PCIe 5.0 x8 from CPU1 (Slot 6 is the Slot Closest to CPU)	4 x PCIe Gen5 x16 Slots and 3 x PCIe Gen5 x4 Slots Slot 1, PCIe 5.0 x16 Slot 2, PCIe 5.0 x4 Slot 3, PCIe 5.0 x16 Slot 4, PCIe 5.0 x4 Slot 5, PCIe 5.0 x16 Slot 6, PCIe 5.0 x4 Slot 7, PCIe 5.0 x16 (Slot 7 is the Slot Closest to CPU)	7 x PCIe Gen5 x16 Slots Slot 1, PCIe 5.0 x16 from CPU2 Slot 2, PCIe 5.0 x16 from CPU1 Slot 3, PCIe 5.0 x16 from CPU2 Slot 4, PCIe 5.0 x16 from CPU1 Slot 5, PCIe 5.0 x16 from CPU2 Slot 6, PCIe 5.0 x16 from CPU1 Slot 7, PCIe 5.0 x16 from CPU2 (Slot 7 is the Slot Closest to CPU)
显示	AST 2600 BMC Controller	AST 2600 BMC Controller	AST 2600 BMC Controller	AST 2600 BMC Controller
分辨率	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp
以太网	1 x Intel® I210AT Giga-bit Ethernet 1 x Intel® E610-XAT2 10Giga-bit Ethernet	2 x Intel® I210AT Giga-bit Ethernet 1 x Intel® E610-XAT2 10Giga-bit Ethernet	1 x Intel® I210AT Giga-bit Ethernet 1 x Intel® I226-LM 2.5Giga-bit Ethernet 1 x Intel® X550-AT2 10Giga-bit Ethernet	1 x Intel® I210AT Giga-bit Ethernet 1 x Intel® I226-LM 2.5Giga-bit Ethernet 1 x Intel® X550-AT2 10Giga-bit Ethernet
USB/ SATA/ 串口/ 网口	6/5/2/4	11/9/2/5	10/5/2/5	12/5/2/5
电源信息	1 x Std. 24 Pin ATX Connector 3 x 8 Pin SSI 12V Connectors	1 x Std. 24 Pin ATX Connector 4 x 8 Pin SSI 12V Connectors	1 x Std. 24 Pin ATX Connector 3 x 8 Pin SSI 12V Connectors	1 x Std. 24 Pin ATX Connector 3 x 8 Pin SSI 12V Connectors
IPMI	IPMI 2.0	IPMI 2.0	IPMI 2.0	IPMI 2.0
工作温度	0 ~ 55°C (32 ~ 131°F) to Support Up to 350W TDP CPU 0 ~ 55°C (32 ~ 131°F) to Support Up to 270W TDP CPU	0 ~ 50°C (32 ~ 122°F) to Support Up to 350W TDP CPU 0 ~ 50°C (32 ~ 122°F) to Support Up to 270W TDP CPU	0 ~ 55°C (32 ~ 131°F) to Support Up to 250W TDP CPU 0 ~ 45°C (32 ~ 113°F) to Support Up to 270W TDP CPU	0 ~ 50°C (32 ~ 122°F) to Support Up to 250W TDP CPU 0 ~ 40°C (32 ~ 104°F) to Support Up to 270W TDP CPU
尺寸(长 x 宽)	12" x 9.6" (304.8 x 243.84 mm) PCB Thickness is 2.59 mm	12" x 14.5" (304.8 x 368.3 mm) PCB Thickness is 2.8 mm	12" x 9.6" (304.8 x 243.84 mm) PCB Thickness is 2.54 mm	12" x 16.452" (304.8 x 417.88 mm) PCB Thickness is 2.86 mm
重量	4.19lbs (1.9 kg)	4.3lbs (1.95 kg)	2.62 lbs (1.19 kg)	4.85 lbs (2.2 kg)

服务器主板



产品型号	HPM-SIEUA	HPM-621DE	HPM-621UA	HPM-246UA
处理器	AMD SP6 Socket Supports 4th Generation AMD EPYC Processor (Max. TDP at 225W)	Dual Intel® FCLGA3647 Sockets Support 1st and 2nd Generation Intel® Xeon® Scalable Processors (Max. TDP at 150W Each)	Intel® FCLGA3647 Socket Supports 1st and 2nd Generation Intel® Xeon® Scalable Processors (Max. TDP at 150W)	Intel® LGA1151 Socket Supports 8th/ 9th Gen. Core i7/i5/i3/Pentium/ Celeron/ Xeon E Processors (Max. TDP at 95W)
系统芯片	N/A	Intel® C621 Chipset	Intel® C621 Chipset	Intel® C246 Chipset
系统内存	6 x DDR5 4800/ 4400MHz RDIMM Up to 1.5TB	12 x DDR4 2933/ 2666/ 2400/ 2133MHz RDIMM/ LRDIMM Up to 1.5TB	6 x DDR4 2933/ 2666/ 2400/ 2133MHz RDIMM/ LRDIMM Up to 768GB	4 x DDR4 2666MHz ECC and Non-ECC DIMM Support Up to 128GB (ECC Memory Supported by Specific CPU SKUs)
扩展	3 x PCIe Gen5 x16 Slots and 4 x PCIe Gen5 x8 Slots Slot 1, PCIe 5.0 x8 Slot 2, PCIe 5.0 x16 Slot 3, PCIe 5.0 x8 Slot 4, PCIe 5.0 x16 Slot 5, PCIe 5.0 x8 Slot 6, PCIe 5.0 x16 Slot 7, PCIe 5.0 x8 (Slot 7 Is the Slot Closest to CPU)	4 x PCIe Gen3 x16 Slots 2 x PCIe Gen3 x8 Slots 1 x PCI 3.0 Slot Slot 1, PCIe 3.0 x16 from CPU1 Slot 2, PCI 3.0 Slot 3, PCIe 3.0 x16 from CPU1 Slot 4, PCIe 3.0 x16 from CPU2 Slot 5, PCIe 3.0 x16 from CPU2 Slot 6, PCIe 3.0 x8 from CPU1 Slot 7, PCIe 3.0 x8 from CPU1 (Slot 7 Is the Slot Closest to CPU)	1 x PCI 3.0 Slot, 3 x PCIe Gen3 x16 Slots or 6 x PCIe Gen3 x8 Slots Slot 1, PCI 3.0 Slot 2, PCIe 3.0 x8 Slot 3, PCIe 3.0 x16 (x16 Will Switch to x8 Automatically When Slot 2 Is Used) Slot 4, PCIe 3.0 x8 Slot 5, PCIe 3.0 x16 (x16 Will Switch to x8 Automatically When Slot 4 Is Used) Slot 6, PCIe 3.0 x8 Slot 7, PCIe 3.0 x16 (Slot 7 Is The Slot Closest to CPU, x16 Will Switch to x8 Automatically When Slot 6 Is Used)	1 x PCIe Gen3 x16 Slot, 1 x PCIe Gen2 x8 Slot, 1 x PCIe Gen3 x4 Slot, 1 x PCIe Gen3 x1 Slot 1 x PCI 3.0 Slot Slot 1, PCI 3.0 Slot 2, PCIe Gen 3.0 x 16 Slot 3, PCIe Gen 2.0 x 8 Slot 4, PCIe Gen 3.0 x 4 Slot 5, PCIe Gen 3.0 x 1 (Slot 5 Is the Slot Closest to CPU)
显示	AST 2600 BMC Controller	AST 2500 BMC Controller	AST 2500 BMC Controller	Intel® 8/ 9th Generation CPU Integrated AST 2500 BMC Controller
分辨率	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	3 x DP++ Ports DP: 4096 x 2304 @ 60Hz HDMI : 4096 x 2160 @ 30Hz 1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp
以太网	1 x Intel® I210AT Giga-bit Ethernet 1 x Intel® I226-LM 2.5Giga-bit Ethernet 1 x Intel® X550-AT2 10Giga-bit Ethernet	4 x Intel® I210AT Giga-bit Ethernet	4 x Intel® I210AT Giga-bit Ethernet	7 x Intel® I210AT Giga-bit Ethernet
USB/ SATA/ 串口/ 网口	4/4/2/5	8/10/2/4	8/9/2/4	8/4/2/7
电源信息	1 x Std. 24 Pin ATX Connector 3 x 8 Pin SSI 12V Connectors	1 x Std. 24 Pin ATX Connector 2 x 8 Pin SSI 12V Connectors	1 x Std. 24 Pin ATX Connector 1 x 8 Pin SSI 12V Connector	1 x Std. 24 pin ATX Connector 1 x 8 Pin SSI 12V Connector
IPMI	IPMI 2.0	IPMI 2.0	IPMI 2.0	IPMI 2.0
工作温度	0 ~ 45°C (32 ~ 113°F) to Support up to 225W TDP CPU	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)
尺寸(长 x 宽)	12" x 9.6" (304.8 x 243.84 mm) PCB Thickness is 2.0 mm	12" x 13" (304.8 x 330.2 mm) PCB Thickness is 2.0 mm	12" x 9.6" (304.8 x 243.84 mm) PCB Thickness is 2.0 mm	12" x 9.6" (304.8 x 243.84 mm) PCB Thickness is 2.0 mm
重量	2.14 lbs (0.97 kg)	3.96 lbs (1.8 kg)	2.14 lbs (0.97 kg)	1.54 lbs (0.7 kg)

机架式与直立式工作站



产品型号	HPS-GNR4A	HPS-GNRDTA	HPS-GNRU4A	HPS-GNRUTA
处理器 (CPU类型)	Dual Intel® LGA4710 Sockets Support Intel® Xeon® 6 6500P & 6700P Series Processor (Max. TDP at 350W each)		Intel® LGA4710 Socket Supports Intel® Xeon® 6 6500P & 6700P Series Processor (Max. TDP at 350W)	
系统芯片	N/A		N/A	
系统内存	16 x DDR5 6400 MHz RDIMM & 8000 MHz MRDIMM Up to 4TB		8 x DDR5 6400 MHz RDIMM & 8000 MHz MRDIMM Up to 2TB	
存储	3 x Front Accessible 2.5" Storage Bays		3 x Front Accessible 2.5" Storage Bays	
IPMI	IPMI 2.0		IPMI 2.0	
扩展槽	5 x PCIe Gen5 x16 Slots and 1 x PCIe Gen5 x8 Slot Slot 1, PCIe 5.0 x16 from CPU1 Slot 2, PCIe 5.0 x16 from CPU2 Slot 3, PCIe 5.0 x16 from CPU2 Slot 4, PCIe 5.0 x16 from CPU2 Slot 5, PCIe 5.0 x16 from CPU2 Slot 6, PCIe 5.0 x8 from CPU1 (Slot 6 Is the Slot Closest to CPU)		4 x PCIe Gen5 x16 Slots Slot 1, PCIe Gen5 x16 Slot 2, NA Slot 3, PCIe Gen5 x16 Slot 4, NA Slot 5, PCIe Gen5 x16 Slot 6, NA Slot 7, PCIe Gen5 x16 (Slot 7 Is the Slot Closest to CPU)	
网口	5 x RJ45 MGMT Port for Dedicated IPMI Access Only LAN1 Port for 1GbE Shared with IPMI Access LAN2 Port for 1GbE LAN3 and 4 Ports for 10GbE		4 x RJ45 MGMT Port for Dedicated IPMI Access Only LAN1 Port for 1GbE Shared with IPMI Access LAN2 and 3 Ports for 10GbE	
USB	Front: 2 x USB 3.2 Gen1 Ports Rear: 6 x USB 3.2 Gen2 Ports		Front: 2 x USB 3.2 Gen1 Ports Rear: 2 x USB 3.2 Gen1 Ports	
显示	AST 2600 BMC Controller		AST 2600 BMC Controller	
显示分辨率	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp		1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	
冷却风扇	1 x 120 x 25mm Front Fan 2 x 80 x 25mm Rear Fans		1 x 120 x 25mm Front Fan 2 x 80 x 25mm Rear Fans	
电源信息	1 x 1300W PS2 ATX PSU		1 x 1300W PS2 ATX PSU	
工作温度	0 ~ 35°C (32 ~ 95°F)		0 ~ 35°C (32 ~ 95°F)	
尺寸(长 x 宽 x 高)	482.6 x 174.8 x 650 mm with Ear Mount	340 x 488 x 650 mm with External Handles & Pedestal Stand	482.6 x 174.8 x 528 mm with Ear Mount	340 x 488 x 528 mm with External Handles & Pedestal Stand
外形	19" 4U Rackmount	Tower Chassis	19" 4U Rackmount	Tower Chassis
操作系统	Windows 11 SAC and LTSC Windows Server 2025 Ubuntu 24.04 LTS or later Red Hat Enterprise Linux (RHEL)			

机架式与直立式工作站



产品型号	HPS-ERSD4A	HPS-ERSDTA	HPS-ERSU4A	HPS-ERSUTA	HPS-ERSU2A
处理器 (CPU类型)	Dual Intel® LGA4677 Sockets Support 4th and 5th Gen. Intel® Xeon® Scalable Processors (Max. TDP at 270W Each)		Intel® LGA4677 Socket Supports 4th and 5th Generation Intel® Xeon® Scalable Processor (Max. TDP at 270W)		Intel® LGA4677 Socket Supports 4th and 5th Gen. Intel® Xeon® Scalable Processor (Max. TDP at 270W)
系统芯片	Intel® C741 Chipset		Intel® C741 Chipset		Intel® C741 Chipset
系统内存	12 x DDR5 5600MHz RDIMM Up to 3TB		6 x DDR5 5600MHz RDIMM Up to 1.5TB		6 x DDR5 5600MHz RDIMM Up to 1.5TB
存储	3 x Front Accessible 2.5" Storage Bays		3 x Front Accessible 2.5" Storage Bays		4x Internal 3.5" Storage Bays + 2x Internal 3.5" or 2.5" Storage Bays
IPMI	IPMI 2.0		IPMI 2.0		IPMI 2.0
扩展槽	7 x PCIe Gen5 x16 Slots Slot 1, PCIe 5.0 x16 from 2nd CPU Slot 2, PCIe 5.0 x16 from 1st CPU Slot 3, PCIe 5.0 x16 from 2nd CPU Slot 4, PCIe 5.0 x16 from 1st CPU Slot 5, PCIe 5.0 x16 from 2nd CPU Slot 6, PCIe 5.0 x16 from 1st CPU Slot 7, PCIe 5.0 x16 from 2nd CPU (Slot 7 Is the Slot Closest to CPU)		4 x PCIe Gen5 x16 Slots and 3 x PCIe Gen5 x4 Slots Slot 1, PCIe 5.0 x16 Slot 2, PCIe 5.0 x4 Slot 3, PCIe 5.0 x16 Slot 4, PCIe 5.0 x4 Slot 5, PCIe 5.0 x16 Slot 6, PCIe 5.0 x4 Slot 7, PCIe 5.0 x16 (Slot 7 Is the Slot Closest to CPU)		4 x PCIe Gen5 x16 Slots and 3 x PCIe Gen5 x4 Slots Slot 1, PCIe 5.0 x16 Slot 2, PCIe 5.0 x4 Slot 3, PCIe 5.0 x16 Slot 4, PCIe 5.0 x4 Slot 5, PCIe 5.0 x16 Slot 6, PCIe 5.0 x4 Slot 7, PCIe 5.0 x16 (Slot 7 Is the Slot Closest to CPU)
网口	5 x RJ45 MGMT Port for Dedicated IPMI Access Only LAN1 Port for 1GbE Shares with IPMI Access LAN2 Port for 2.5GbE LAN3 and 4 Ports for 10GbE		5 x RJ45 MGMT Port for Dedicated IPMI Access Only LAN1 Port for 1GbE Shares with IPMI Access LAN2 Port for 2.5GbE LAN3 and 4 Ports for 10GbE		5 x RJ45 MGMT Port for Dedicated IPMI Access Only LAN1 Port for 1GbE Shares with IPMI Access LAN2 Port for 2.5GbE LAN3 and 4 Ports for 10GbE
USB	Front: 2 x USB 3.2 Gen1 Ports Rear: 6 x USB 3.2 Gen1 Ports		Front: 2 x USB 3.2 Gen1 Ports Rear: 4 x USB 3.2 Gen1 Ports + 2 x USB 2.0 Type A Ports		Front: 2 x USB 3.2 Gen1 Ports Rear: 4 x USB 3.2 Gen1 Ports + 2 x USB 2.0 Type A Ports
显示	AST 2600 BMC Controller		AST 2600 BMC Controller		AST 2600 BMC Controller
显示分辨率	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp		1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp		1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp
冷却风扇	1 x 120 x 25mm Front Fan 2 x 80 x 25mm Rear Fans		1 x 120 x 25mm Front Fan 2 x 80 x 25mm Rear Fans		3 x 80 x 25mm Middle Fans
电源信息	1 x 1300W PS2 ATX PSU		1 x 1300W PS2 ATX PSU		1 x 500W PS2 ATX PSU
工作温度	0 ~ 35°C (32 ~ 95°F)		0°C ~ 35°C (32°C ~ 95°F)		0°C ~ 35°C (32°C ~ 95°F)
尺寸(长 x 宽 x 高)	482.6 x 174.8 x 650 mm with Ear Mount	340 x 488 x 650 mm with External Handles & Pedestal Stand	482.6 x 174.8 x 528 mm with Ear Mount	340 x 488 x 528 mm with External Handles & Pedestal Stand	432.4 x 88 x 661 mm with Ear Mount
外形	19" 4U Rackmount	Tower Chassis	19" 4U Rackmount	Tower Chassis	19" 2U Rackmount
操作系统	Windows 10 IoT Enterprise LTSC 2021 Windows Server IoT 2019 with VT-d Disabled, Windows Server 2022 Ubuntu 21.10, 22.04 LTS or Later Red Hat Enterprise Linux (RHEL) 8.2 and Later				

机架式与直立式工作站



产品型号	HPS-SIEU4A	HPS-SIEUTA	HPS-621U4A	HPS-621UTA
处理器 (CPU类型)	AMD LGA4844 Socket Support 4th Generation AMD EPYC 8004 Processors (Max. TDP at 225W)		Intel® LGA3647 Socket Supports 1st and 2nd Generation Intel® Xeon® Scalable Processors (Max. TDP at 150W)	
系统芯片	N/A		Intel® C621 Chipset	
系统内存	6 x DDR5 4800/4400MHz RDIMM Up to 1.5TB		6 x DDR4 2933/ 2666/ 2400/ 2133MHz RDIMM/ LRDIMM Up to 768GB	
存储	3 x Front Accessible 2.5" Storage Bays		3 x Front Accessible 2.5" Storage Bays	
IPMI	IPMI 2.0		IPMI 2.0	
扩展槽	3 x PCIe Gen5 x16 Slots and 4 x PCIe Gen5 x8 Slots Slot 1, PCIe 5.0 x8 Slot 2, PCIe 5.0 x16 Slot 3, PCIe 5.0 x8 Slot 4, PCIe 5.0 x16 Slot 5, PCIe 5.0 x8 Slot 6, PCIe 5.0 x16 Slot 7, PCIe 5.0 x8 (Slot 7 is the Slot Closest to CPU)		1 x PCI 3.0 Slot, 3 x PCIe Gen3 x16 Slots or 6 x PCIe Gen3 x8 Slots Slot 1, PCI 3.0 Slot 2, PCIe 3.0 x8 Slot 3, PCIe 3.0 x16 (x16 will Switch to x8 Automatically When Slot 2 is Used) Slot 4, PCIe 3.0 x8 Slot 5, PCIe 3.0 x16 (x16 will Switch to x8 Automatically When Slot 4 is Used) Slot 6, PCIe 3.0 x8 Slot 7, PCIe 3.0 x16 (Slot 7 is the Slot Closest to CPU, x16 Will Switch to x8 Automatically When Slot 6 is Used)	
网口	5 x RJ45 MGMT Port for Dedicated IPMI Access Only LAN1 Port for 1GbE Shares with IPMI Access LAN2 Port for 2.5GbE LAN3 and 4 Ports for 10GbE		4 x RJ45 (LAN1 Shares IPMI Port)	
USB	Front: 2 x USB 3.2 Gen1 Ports Rear: 4 x USB 3.2 Gen1 Ports		Front: 2 x USB 3.2 Gen1 Ports Rear: 4 x USB 3.2 Gen1 Ports	
显示	AST 2600 BMC Controller		AST 2500 BMC Controller	
显示分辨率	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp		1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	
冷却风扇	1 x 120 x 25mm Front Fan 2 x 80 x 25mm Rear Fans		1 x 120 x 25mm Front Fan 2 x 80 x 25mm Rear Fans	
电源信息	1 x 1300W PS2 ATX PSU		1 x 1300W PS2 ATX PSU	
工作温度	0°C ~ 35°C (32°C ~ 95°F)		0 ~ 40°C (32 ~ 104°F)	
尺寸(长 x 宽 x 高)	482.6 x 174.8 x 528 mm with Ear Mount	340 x 488 x 528 mm with External Handles & Pedestal Stand	482.6 x 174.8 x 528 mm with Ear Mount	340 x 488 x 528 mm with External Handles & Pedestal Stand
外形	19" 4U Rackmount	Tower Chassis	19" 4U Rackmount	Tower Chassis
操作系统	Windows Server 2019 bare-metal support (KB5017379) & Hyper-V support (KB5018419) Windows Server 2022 Ubuntu 20.04/22.04 LTS or later Red Hat Enterprise Linux (RHEL) 8.2 and later		Windows 10 IoT Enterprise Windows Server 2016 Windows Server 2019	

机架式与直立式工作站



产品型号	HPS-621D4A	HPS-621DTA	HPS-246U4A	HPS-246UTA	HPS-621U2A
处理器 (CPU类型)	Dual Intel® LGA3647 Sockets Support 1st and 2nd Generation Intel® Xeon® Scalable Processors (Max. TDP at 150W Each)		Intel® LGA1151 Socket Supports 8th/ 9th Generation Core i7/i5/i3/ Pentium/ Celeron/ Xeon E Processors (Max. TDP at 95W)		Intel® LGA3647 Socket Supports 1st and 2nd Generation Intel® Xeon Scalable Processors (Max. TDP at 150W)
系统芯片	Intel® C621 Chipset		Intel® C246 Chipset		Intel® C621 Chipset
系统内存	12 x DDR4 2933/ 2666/ 2400/ 2133 MHz RDIMM/ LRDIMM Up to 1.5TB		4 x DDR4 2666MHz ECC and Non-ECC DIMM Support Up to 128GB (ECC Memory Supported by Specific CPU SKUs)		6 x DDR4 2933/ 2666/ 2400/ 2133MHz RDIMM/ LRDIMM Up to 768GB
存储	3 x Front Accessible 2.5" Storage Bays		3 x Front Accessible 2.5" Storage Bays		4 x External 5.25" Storage Bays 2 x Internal 3.5" Storage Bays
IPMI	IPMI 2.0		IPMI 2.0		IPMI 2.0
扩展槽	4 x PCIe Gen3 x16 Slots, 2 x PCIe Gen3 x8 Slots 1 x PCI 3.0 Slot Slot 1, PCIe 3.0 x16 from CPU1 Slot 2, PCI 3.0 Slot 3, PCIe 3.0 x16 from CPU1 Slot 4, PCIe 3.0 x16 from CPU2 Slot 5, PCIe 3.0 x16 from CPU2 Slot 6, PCIe 3.0 x8 from CPU1 Slot 7, PCIe 3.0 x8 from CPU1 (Slot 7 is the Slot Closest to CPU)		1 x PCIe Gen3 x16 Slot, 1 x PCIe Gen2 x8 Slot 1 x PCIe Gen3 x4 Slot, 1 x PCIe Gen3 x1 Slot 1 x PCI 3.0 slot Slot 1, PCI 3.0 Slot 2, PCIe Gen 3.0 x 16 Slot 3, PCIe Gen 2.0 x 8 Slot 4, PCIe Gen 3.0 x 4 Slot 5, PCIe Gen 3.0 x 1 (Slot 5 is the Slot Closest to CPU)		1 x PCI 3.0 Slot, 3 x PCIe Gen3 x16 Slots or 6 x PCIe Gen3 x8 Slots Slot 1, PCI 3.0 Slot 2, PCIe 3.0 x8 Slot 3, PCIe 3.0 x16 (x16 Will Switch to x8 Automatically When Slot 2 is Used) Slot 4, PCIe 3.0 x8 Slot 5, PCIe 3.0 x16 (x16 Will Switch to x8 Automatically When Slot 4 is Used) Slot 6, PCIe 3.0 x8 Slot 7, PCIe 3.0 x16 (Slot 7 is The Slot Closest to CPU, x16 Will Switch to x8 Automatically When Slot 6 is Used)
网口	4 x RJ45 (LAN1 Shares IPMI Port)		7 x RJ45 (LAN1 Shares IPMI Port)		4 x RJ45 (LAN1 Shares IPMI Port)
USB	Front: 2 x USB 3.2 Gen1 Ports Rear: 4 x USB 3.2 Gen1 Ports		Front: 2 x USB 3.2 Gen1 Ports Rear: 2 x USB 3.2 Gen2 Ports		Front: 2 x USB 2.0 Type A Ports Rear: 4 x USB 3.2 Gen1 Ports
显示	AST 2500 BMC Controller		Intel® 8/ 9th Generation CPU Integrated AST 2500 BMC Controller		AST 2500 BMC Controller
显示分辨率	1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp		3 x DP++ Ports, DP: 4096 x 2304 @ 60Hz HDMI : 4096 x 2160 @ 30Hz 1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp		1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp
冷却风扇	1 x 120 x 25mm Front Fan 2 x 80 x 25mm Rear Fans		2 x 80 x 25 mm Rear Fans		4 x 80 x 25 mm Middle Fans
电源信息	1 x 1300W PS2 ATX PSU		1 x 500W PS2 ATX PSU		1 x 1U 80plus Gold 500W PSU
工作温度	0°C ~ 40°C (32°F ~ 104°F)		0 ~ 45°C (32 ~ 113°F)		0 ~ 40°C (32 ~ 104°F)
尺寸(长 x 宽 x 高)	482.6 x 174.8 x 528 mm with Ear Mount	340 x 488 x 528 mm with External Handles & Pedestal Stand	482.6 x 174.8 x 528 mm with Ear Mount	340 x 488 x 528 mm with External Handles & Pedestal Stand	483 x 88 x 650 mm
外形	19" 4U Rackmount	Tower Chassis	19" 4U Rackmount	Tower Chassis	19" 2U Rackmount
操作系统	Windows 10 IoT Enterprise Windows Server 2016 Windows Server 2019				

CPU列表

服务器英特尔® 至强® 处理器系列列表

Supported Sockets	Process	Brand	Processor Number	Cores	Threads	Processor Base Frequency	Max Turbo Frequency	TDP	Chipset	
FCLGA3647	Skylake	Bronze	3106	8	8	1.70 GHz		85 W	C621	
		Silver	4109T	8	16	2.00 GHz	3.00 GHz	70 W		
			4110	8	16	2.10 GHz	3.00 GHz	85 W		
			4114T	10	20	2.20 GHz	3.00 GHz	85 W		
			4116	12	24	2.10 GHz	3.00 GHz	85 W		
			4116T	12	24	2.10 GHz	3.00 GHz	85 W		
		Gold	5118	12	24	2.30 GHz	3.20 GHz	105 W		
			5119T	14	28	1.90 GHz	3.20 GHz	85 W		
			5120T	14	28	2.20 GHz	3.20 GHz	105 W		
			6126T	12	24	2.60 GHz	3.70 GHz	125 W		
			6126	12	24	2.60 GHz	3.70 GHz	125 W		
			6130T	16	32	2.10 GHz	3.70 GHz	125 W		
		Cascade Lake	Silver	6130	16	32	2.10 GHz	3.70 GHz		125 W
				6138	20	40	2.00 GHz	3.70 GHz		125 W
	4209T			8	16	2.20 GHz	3.20 GHz	70 W		
	4210			10	20	2.20 GHz	3.20 GHz	85 W		
	Gold		4215	8	16	2.50 GHz	3.50 GHz	85 W		
			4214	12	24	2.20 GHz	3.20 GHz	85 W		
		4216	16	32	2.10 GHz	3.20 GHz	100 W			
		5215	10	20	2.50 GHz	3.40 GHz	85 W			
Sapphire Rapids	5218T	16	32	2.10 GHz	3.80 GHz	105 W				
	6226	12	24	2.70 GHz	3.70 GHz	125 W				
	6230	20	40	2.10 GHz	3.90 GHz	125 W				
	6238T	22	44	1.90 GHz	3.70 GHz	125 W				
FCLGA4677	Sapphire Rapids	Bronze	3408U	8	8	1.8 GHz	1.9 GHz	125 W	C741	
		Silver	4416+	20	40	2.0 GHz	3.9 GHz	165 W		
			4410Y	12	24	2.0 GHz	3.9 GHz	150 W		
			4410T	10	20	2.7 GHz	4.0 GHz	150 W		
		Gold	6448Y	32	64	2.1 GHz	4.1 GHz	225 W		
			6426Y	16	32	2.5 GHz	4.1 GHz	185 W		
			6418H	24	48	2.1 GHz	4.0 GHz	185 W		
			5415+	8	16	2.9 GHz	4.1 GHz	150 W		
			5420+	28	56	2.0 GHz	4.1 GHz	205 W		
			5418Y	24	48	2.0 GHz	3.8 GHz	185 W		
			6430	32	64	2.10 GHz	3.40 GHz	270 W		
		Emerald Rapids	Bronze	3508U (Only HPM-ERSUA)	8	8	2.1 GHz	2.2 GHz		125 W
			Silver	4516Y+	24	48	2.2 GHz	3.7 GHz		185 W
				4514Y	16	32	2.0 GHz	3.4 GHz		150 W
	4510			12	24	2.4 GHz	4.1 GHz	150 W		
	4509Y			8	16	2.6 GHz	4.1 GHz	125 W		
	4510T			12	24	2.0 GHz	3.7 GHz	115 W		
	Gold	6548Y+	32	64	2.5 GHz	4.1 GHz	250 W			
		6526Y	16	32	2.8 GHz	3.9 GHz	195 W			
		5515+	8	16	3.2 GHz	4.1 GHz	165 W			
5520+		28	56	2.2 GHz	4.0 GHz	205 W				
6530		32	64	2.1 GHz	4.0 GHz	270 W				

Supported Sockets	Process	Brand	Processor Number	Cores	Threads	Processor Base Frequency	Max Turbo Frequency	TDP	Chipset
FCLGA4710	Granite Rapids SP	Xeon	6740P	48	96	2.1 GHz	3.8 GHz	270 W	NA
			6781P *(Only HPM-GNRUA use)	80	160	2.0 GHz	3.8 GHz	350 W	
			6530P	32	64	2.3 GHz	4.1 GHz	225 W	
			6520P	24	48	2.4 GHz	4.0 GHz	210 W	
			6731P *(Only HPM-GNRUA use)	32	64	2.5 GHz	4.1 GHz	245 W	
			*6521P *(Only HPM-GNRUA use)	24	48	2.6 GHz	4.1 GHz	225 W	
			6736P	36	72	2.0 GHz	4.1 GHz	205 W	
			6517P	16	32	3.2 GHz	4.2 GHz	190 W	
			6515P	16	32	2.3 GHz	3.8 GHz	150 W	
6505P	12	24	2.2 GHz	4.1 GHz	150 W				

服务器主板HPM-246UA CPU列表 第8/9代英特尔® 酷睿™ i7/i5/i3/奔腾®/赛扬®/至强® E系列

Supported Sockets	Process	Brand	Processor Number	Cores	Threads	Processor Base Frequency	Max Turbo Frequency	TDP	Chipset
FCLGA1151	Coffee Lake	Xeon® E	E-2176G	6	12	3.70 GHz	4.70 GHz	80 W	C246
			E-2124G	4	4	3.40 GHz	4.50 GHz	71 W	
			E-2278GEL	8	16	2.00 GHz	3.90 GHz	35 W	
			E-2278GE	8	16	3.30 GHz	4.70 GHz	80 W	
			E-2228GE	6	6	3.40 GHz	4.60 GHz	80 W	
		Core™ i7	i7-8700	6	12	3.20 GHz	4.60 GHz	65 W	
			i7-8700T	6	12	2.40 GHz	4.00 GHz	35 W	
			i7-9700E	8	8	2.60 GHz	4.40 GHz	65 W	
			i7-9700TE	8	8	1.80 GHz	3.80 GHz	35 W	
		Core™ i5	i5-8500	6	6	3.00 GHz	4.10 GHz	65 W	
			i5-8500T	6	6	2.10 GHz	3.50 GHz	35 W	
			i5-9500E	6	6	3.00 GHz	4.20 GHz	65 W	
			i5-9500TE	6	6	2.20 GHz	3.60 GHz	35 W	
		Core™ i3	i3-8100	4	4	3.60 GHz		65 W	
			i3-8100T	4	4	3.10 GHz		35 W	
			i3-9100E	4	4	3.10 GHz	3.70 GHz	65 W	
			i3-9100TE	4	4	2.20 GHz	3.20 GHz	35 W	
		Pentium	G5400	2	4	3.70 GHz		58 W	
			G5400T	2	4	3.10 GHz		35 W	
		Celeron	G4900	2	2	3.10 GHz		54 W	
	2		2	2.90 GHz		35 W			

服务器AMD EPYC处理器系列列表

Supported Sockets	Process	Brand	Processor Number	Cores	Threads	Processor Base Frequency	Max Turbo Frequency	TDP	Chipset
LGA4844	EPYC 8004	Embedded	8534P	64	128	2.3 GHz	3.15 GHz	200 W	NA
			8434P	48	96	2.5 GHz	3.15 GHz	200 W	
			8324P	32	64	2.65 GHz	3.0 GHz	180 W	
			8224P	24	48	2.55 GHz	3.0 GHz	160 W	
			8124P	16	32	2.45 GHz	3.0 GHz	125 W	
			8C24P	12	24	2.45 GHz	3.0 GHz	100 W	

安勤的平板电脑产品系列涵盖了从7英寸到21英寸的各种尺寸，具备多样化的设计，包括无风扇、可扩展、坚固耐用以及轻工业级选项。我们的产品包括工业面板电脑、工业显示器、医疗面板电脑、医疗显示器、开放式面板电脑、安卓多点触控面板电脑以及音频与视频扩展器。



平板电脑 / 显示屏 / 手持平板电脑

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» 紧凑型POS(销售终端机)



产品型号	RiPac-1039	RiPac-10P3
处理器	Intel® Processor N150	Intel® Celeron® N3350 1.1GHz Processor
系统内存	8GB LPDDR5 Onboard	4GB LPDDR4 Onboard
存储	Onboard 128GB eMMC	64G eMMC/ Option for 128GB
操作系统	Windows 10, Windows 11, Linux	Windows 10, Android 8.1
LCD Panel	10.1" LCD 5" LCD (Customer Facing)	10.1" LCD 5" LCD (Customer Facing)
分辨率	1280 x 800 (10.1") 1280 x 720 (5")	1280 x 800 (10.1") 1280 x 720 (5")
触摸屏	Projected Capacitive Touch	Projected Capacitive Touch
无线局域网	Option IEEE 802.11 a/b/g/n/ac	Built-in IEEE 802.11 a/b/g/n/ac
蓝牙	Option Bluetooth 4.2	Bluetooth 4.2
串行端口	2 x RS-232, Powered with 5V/ 12V	2 x RS-232 in DB9, Powered with 5V/ 12V
USB	4 x USB 3.0	4 x USB 3.0
记忆卡	1 x SD Card Slot	1 x SD Card Slot Support Up to 128GB
网口	2 x RJ45	2 x RJ45 (Realtek 8111H)
钱箱	1 x RJ11 (12V/24V)	1 x RJ11 (12V/ 24V)
NFC	N/A	ISO/ IEC 14443 A/B, 15693, 18092 (Optional)
热敏打印机	Printing Method: Thermal Dot Line Printing Resolution: (W) 8 Dots/mm, (H) 8 Dots/mm Maximum Print Speed: 200 mm/s Maximum Print Width: 72 mm Maximum Paper Width: 80 mm Type of Paper Cutting: Full Cut & Partial Cut	Printing Method: Thermal Dot Line Printing Resolution: (W) 8 Dots/mm, (H) 8 Dots/mm Maximum Print Speed: 200 mm/s Maximum Print Width: 72 mm Maximum Paper Width: 80 mm Type of Paper Cutting: Full Cut & Partial Cut
电源模式	+24V/ 6A 120W	+24V/ 6A 120W
尺寸(长 x 宽 x 高)	299(L) x 316.2(W) x 148.9(H) mm	299(L) x 316.2(W) x 148.9(H) mm
重量	3 kg ±10%	3 kg ±10%
工作温度	5°C ~ 40°C (41°F ~ 104°F)	5°C ~ 40°C (41°F ~ 104°F)
存储温度	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)
工作湿度	0% ~ 95% Non-condensing	0% ~ 95% Non-condensing
认证	CE, FCC, VCCI	CE, FCC, VCCI

» 台式 POS



产品型号	ISS-15K4	ISS-15K5	ISS-32K4
LCD 尺寸	15.6", 16:9	15.6", 16:9	32" 16:9
显示类型	Full HD	Full HD	Full HD
分辨率	1920 x 1080	1920 x 1080	1920 x 1080
像素间距	0.179 x 0.179 mm	0.179 x 0.179 mm	0.179 x 0.179 mm
亮度	220 cd/m ²	220 cd/m ²	400 cd/m ²
视角	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
触摸屏信息	Projective Capacitive	Projective Capacitive	Projective Capacitive
透光率	85%	85%	85%
触摸控制器	Built-in Touch Controller	Built-in Touch Controller	Built-in Touch Controller
处理器	Intel® Celeron® Processor J6412	CPU Rockchip RK3568 Quad-core Cortex-A55 Up to 2.0GHz	Intel® Celeron® Processor J6412
系统芯片	Intel® Elkhart Lake SoC	Rockchip	Intel® Elkhart Lake SoC
系统内存	Onboard 2GB Memory	Onboard 4GB Memory	Single DRAM Socket, Max. Up to 32GB DDR4 3200MHz
扩展	N/A	N/A	1 x M.2 Key-B 2242/3042 with Internal SIM Slot (PCIe, USB 2.0); 1 x M.2 Key-E 2230 (PCIe, USB 2.0)
存储	Onboard 32GB eMMC	Onboard 128GB eMMC	1 x M.2 Key-B, 2242 (SATA3) 1 x Micro SD Card Slot
I/O	2 x USB 2.0 2 x USB 3.0 1 x RJ45 10/100M 1 x RJ12 for Cashdrawer 1 x RJ11 (RS-232)	4 x USB 2.0 1 x RJ45 10/100M 1 x RJ12 for Cashdrawer 1 x RJ11 (RS-232)	2 x USB 2.0 (Front) 4 x USB 3.2 Gen.2 (10Gbps) 1 x RS232/422/485 (BIOS) 2 x RJ45 2 x HDMI 2.0b
显示芯片组	Intel® UHD Graphics	Rockchip	Intel® UHD Graphics
音频	Build in	Build in	RealTek ALC888S
音频接口	1 x 3W Speaker	1 x 3W Speaker	2 x 10W Speaker
以太网	1 x 10/100M LAN	1 x 10/100M LAN	2 x Intel® I225-LM
第二块液晶屏	N/A	N/A	N/A
可选项目	N/A	N/A	N/A
电源连接器	Mini-din 4P for DC in w/ Lock Type +24V DC in	Mini-din 4P for DC in w/ Lock Type +24V DC in	AC Power Input
电源模式	ATX	ATX	ATX
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (24V @ 4A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (24V @ 4A Adapter)	N/A
结构	Plastic	Plastic	Plastic
防护等级	N/A	N/A	N/A
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)
尺寸(长 x 宽 x 高)	300 x 250 x 599.9 mm	300 x 250 x 599.9 mm	TBC
重量	6 kg	6 kg	TBC
认证	CE, FCC, VCCI	CE, FCC, VCCI	CE, FCC
操作系统	Win10 IoT	Android 11	Win10 IoT

» 台式 POS



产品型号	PT58	RiVar-1502	RiVar-1539
LCD 尺寸	15.6", 16:9	15.6", 16:9	15.6", 16:9
显示类型	Full HD	Full HD	Full HD
分辨率	1920 x 1080	1920 x 1080	1920 x 1080
像素间距	0.179 x 0.179 mm	0.179 x 0.179 mm	0.179 x 0.179 mm
亮度	250 cd/m ²	300 cd/m ²	250 cd/m ²
视角	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
触摸屏信息	Projective Capacitive	Projective Capacitive	Projective Capacitive
透光率	85%	85%	85%
触摸控制器	Built-in Touch Controller	Built-in Touch Controller	Built-in Touch Controller
处理器	Intel® Celeron® Processor J6412 12th Gen. Intel® Core™ i3-1215U/ i5-1235U	Intel® Celeron® Processor J3455	Intel® Processor N150
系统芯片	Intel® Elkhart Lake SoC Intel® Alder Lake SoC	Intel® Apollo Lake SoC	Intel® Twin Lake SoC
系统内存	1 x 8GB DDR4 SO-DIMM Memory (Max. Support Up to 16GB)	Default Onboard 4GB DDR4 SDRAM (Option Up to 8GB)	Onboard 8GB LPDDR5
扩展	1 x M.2 Slot for Storage	1 x M.2 E Key Slot for .2/4/ 5G Wi-Fi Module	1 x M.2 E Key Slot for 2.4/ 5G Wi-Fi Module
存储	M.2 2242 SATA 128GB	Default 128GB eMMC	Onboard 128GB eMMC
I/O	3 x USB 2.0, 3 x USB 3.1 2 x COM Supported 5V/ 12V Output 1 x RJ-11 for Cash Drawer 12/ 24V 1 x Type C (DP+PD)	4 x USB 3.0 2 x COM Supported 5V/ 12V Output 1 x RJ-11 for Cash Drawer 12/ 24V 1 x HDMI	4 x USB 3.0 2 x COM Supported 5V/ 12V Output 1 x RJ-11 for Cash Drawer 12/ 24V 1 x HDMI
显示芯片组	Intel® UHD Graphics	Intel® HD Graphics 500	Intel® Graphics
音频	Realtek ALC887	ES8316C	Realtek ALC897
音频接口	2 x 2W Speaker	2 x 2W Speaker	2 x 2W Speaker
以太网	1 x RJ45 with Realtek RTL8111H	2 x RJ45 with Realtek 8111H	2 x RJ45 Gigabit LAN RTL8125B6
第二块液晶屏	10.1" Resolution 1280 x 800	N/A	N/A
可选项目	iButton Reader/ RFID Reader/ Fingerprint Reader/ 2D Scanner/ 2 x 20 Character LCM/ 3-Track MSR USB Interface	Camera/ NFC/ MSR	N/A
电源连接器	Mini-din 4P for DC in w/ Lock Type +19V DC in	DC Jack w/ Lock Type +24V DC in	DC Jack w/ Lock Type +24V DC in
电源模式	ATX	ATX	ATX
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 65W Adapter (19V @ 3.42A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (24V @ 2.5A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (24V @ 2.5A Adapter)
结构	Aluminum + Plastic	Plastic	Plastic
防护等级	IP65 for Front Panel	IP65 for Front Panel, IP41 for Rear	IP65 for Front Panel
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-10°C ~ 60°C (14°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
尺寸(长 x 宽 x 高)	361.6 x 300.5 x 191.9 mm	391 x 251 x 44.5 mm	391 x 251 x 44.5 mm
重量	3 kg	2.7 kg	2.7 kg
认证	CE, FCC, VCCI	CE, FCC, VCCI: Class B	CE, FCC, VCCI
操作系统	Windows 10 IoT (64 bit), Windows 11 (64 bit)	Windows 10, Android 8.1	Windows 10, Windows 11, Linux

» 台式 POS



产品型号	Rity103	Rity153	Rity-1539	PPC-1539
LCD 尺寸	10.1", 16:9	15", 4:3	15", 4:3	15", 4:3
显示类型	WSVGA	XGA	XGA	XGA
分辨率	1024 x 600	1024 x 768	1024 x 768	1024 x 768
像素间距	0.2175 x 0.2088 mm	0.297 x 0.297 mm	0.297 x 0.297 mm	0.297 x 0.297 mm
亮度	350 cd/m ²	500 cd/m ²	300 cd/m ²	300 cd/m ²
视角	70 (U), 70 (D), 70 (L), 70 (R)	88 (U), 88 (D), 88 (L), 88 (R)	88 (U), 88 (D), 88 (L), 88 (R)	88 (U), 88 (D), 88 (L), 88 (R)
触摸屏信息	5-Wire Resistive/ Projective Capacitive Touch	5-Wire Resistive/ Projective Capacitive Touch	5-Wire Resistive/ Projective Capacitive Touch	PCAP Multi-touch Up to 10 Points
透光率	RES 75% / PCT90%	RES 75% / PCT90%	RES 75% / PCT90%	PCT90%
触摸控制器	Onboard USB Touch (PenMount)/ USB Touch (EETI)	Onboard USB Touch (PenMount)/ USB Touch (EETI)	Onboard USB Touch (PenMount)/ USB Touch (EETI)	USB Touch (EETI)
处理器	Intel® Celeron® Processor N3350 1.1GHz	Intel® Celeron® Processor N3350 1.1GHz	Intel Atom® x7211E Processor	Intel® Processor N150
系统芯片	Intel® Apollo Lake SoC	Intel® Apollo Lake SoC	Intel® Alder Lake N	Intel® Twin Lake
系统内存	1 x 204-Pin DDR3L 1066MHz SO-DIMM Up to 8 GB	1 x 204-Pin DDR3L 1066MHz SO-DIMM Up to 8 GB	DDR5 8GB SO-DIMM 262pin	DDR5 8GB SO-DIMM 262pin
扩展	1 x M.2 B Key Slot Support	1 x M.2 B Key Slot Support	1, M.2 E-Key 2230, PCIE+USB2.0, Support Wi-Fi +Bluetooth Module 1, M.2 B-Key 2242/3052, USB3.0+USB2.0, Support 5G/4G	1, M.2 E-Key 2230, PCIE+USB2.0, Support Wi-Fi +Bluetooth Module 1, M.2 B-Key 2242/3052, USB3.0+USB2.0, Support 5G/4G
存储	1 x M.2 B Key Slot	1 x 2.5" Drive Bay, 1 x M.2 B Key Slot	1 x 2.5" SSD, 1 x M.2 M-Key 2280, PCIE x/SATA, Support PCIE X1 NVMe/SATA SSD, Auto Detect	1 x 2.5" SSD, 1 x M.2 M-Key 2280, PCIE x/SATA, Support PCIE X1 NVMe/SATA SSD, Auto Detect
I/O	4 x USB 3.0 2 x RS-232/422/485 (BIOS) 1 x RS-232 1 x HDMI 1.4b 1 x RJ11 for Cash Drawer	2 x USB 2.0, 4 x USB 3.0 2 x RS-232/422/485 (BIOS) 2 x RS-232, 1 x HDMI 1.4b, 1 x VGA 1 x RJ11 for Cash Drawer 1 x Battery in Connector	2 x USB 2.0, 4 x USB 3.0 2 x COM 1 x HDM 2 x RJ45 Gigabit LAN 1 x MIC + LINE out	2 x USB 2.0, 4 x USB 3.0 2 x COM 1 x HDMI 2 x RJ45 Gigabit LAN 1 x MIC + LINE out
显示芯片组	Intel® HD Graphics 500	Intel® HD Graphics 500	Intel® UHD Graphics	Intel® UHD Graphics
音频	Realtek 888S	Realtek 888S	Realtek Audio HDA codec	Realtek Audio HDA codec
音频接口	2 x 2W Speaker	2 x 2W Speaker	2 x 2W Speaker	2 x 2W Speaker
以太网	2 x Realtek RTL8111E-VB-GR	2 x Realtek RTL8111E-VB-GR	1 x Intel® i210-AT GbE Ethernet Controller 1 x Intel® i226-V GbE Ethernet Controller	1 x Intel® i210-AT GbE Ethernet Controller 1 x Intel® i226-V GbE Ethernet Controller
可选项目	N/A	MSR	MSR	N/A
电源连接器	Mini-din 4P for DC in w/ Lock Type +19V ~ 24V DC in	Mini-din 4P for DC in w/ Lock Type +19V ~ 24V DC in	Mini-din 4P for DC in w/ Lock Type +24V DC in	Mini-din 4P for DC in w/ Lock Type +24V DC in
电源模式	AT/ ATX (ATX Is Default Setting)	AT/ ATX (ATX Is Default Setting)	AT/ ATX (ATX Is Default Setting)	AT/ ATX (ATX Is Default Setting)
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (24V @ 3.75A)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (24V @ 3.75A)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (24V @ 2.5A)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (24V @ 2.5A)
结构	Black Coverlens, ABS Plastic	Black Coverlens, ABS Plastic	Black / White Plastic	White+ Gray Plastic
防护等级	IP65 for Front Panel	IP65 for Front Panel	IP65 for Front Panel	IP65 for Front Panel
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)
尺寸(长 x 宽 x 高)	260 x 178 x 42 mm	362.1 x 290.08 x 51 mm	362.1 x 290.08 x 51 mm	351 x 319 x 54 mm
重量	1.8 kg	4 kg	4 kg	4 kg
认证	CE, FCC Class B, VCCI	CE, FCC Class B, VCCI	CE, FCC, VCCI, UKCA	CE, FCC, VCCI, UKCA
操作系统	Win10 IoT, Linux	Win10 IoT, Linux	Win10 IoT, Win 11, Linux	Win10 IoT, Win 11, Linux

加固型平板电脑



产品型号	ARC-1235	ARC-1535	ARC-21W35
LCD 尺寸	12.1", 4:3	15", 4:3	21.5"
显示类型	XGA	XGA	Full HD
分辨率	1024 x 768	1024 x 768	1920 x 1080
像素间距	0.240 x 0.240 mm	0.297 x 0.297 mm	0.248 x 0.248
亮度	600 cd/m ²	300 cd/m ²	250 cd/m ²
对比度	1000	2000	3000
视角	89 (U), 89 (D), 89 (L), 89 (R)	88 (U), 88 (D), 88 (L), 88 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	13 ms	16 ms	20 ms
背光	LED	LED	LED
触摸屏信息	A Model: 5-Wire Resistive Touch B Model: PCAP Multi-touch Up to 10 Points (Full Flat Design)		PCAP Multi-touch Up to 10 Points
透光率	A Model: 80%, B Model: 89%		88%
触摸控制器	A Model: Onboard USB Touch (PenMount) B Model: External USB Controller (EETI/ ILITEK)		USB Touch (EETI)
SBC	ARC-EHL		
处理器	Onboard Intel® Pentium®/ Celeron®/ Atom™ SoC BGA Processor		
I/O 芯片	EC ITE IT5571		
系统内存	Single 260-pin DDR4 SODIMM Socket Supports Up to 32GB DDR4 3200MTs SDRAM		
扩展	1 x M.2 Key-E 2230 for Wi-Fi & BT Module 1 x M.2 Key-B 2242/3042/3052 for SATA 3/ PCIe x1/ USB 3.1		
存储	1 x M.2 Key-B 2242/3042/3052 for SATA 3/ PCIe x1/ USB 3.1 or 1 x 2.5" Drive Bay (7mm HDD Restricted)		
USB	4 x USB 3.1 Gen.2		
串行端口	1 x RS-232/422/485, Selectable by BIOS, RS-485 Supports Auto Flow, Pin-9 Selected by Ring/ +5V/ +12V); 1 x RS-232		
显示芯片组	Intel® Elkhart Lake SoC Processor Integrated Gen11 LP Graphics		
显示分辨率	HDMI: Max. Resolution 4096 x 2160 @ 60Hz (Optional by IET Module)		
音频	Realtek ALC888S/ 897		
音频接口	2 x 2W Speakers		
以太网	2 x Intel® I225-IT 2.5 Gigabit Ethernet (Wide Temperature)		
电源连接器	Lockable DC Jack, +12V ~ 24V		
电源模式	AT/ ATX (ATX Is Default Setting)		
适配器	Input: 100 ~ 240 Vac/ 50 ~ 60 Hz Output: 72W Adapter (19V @ 3.78A)		Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 120W Adapter (24V @ 5A)
结构(前/后)	A Model: Front Metal, Rear Aluminum Die Casting; B Model: Aluminum Die Casting		
工作温度	A Model: -20°C ~ 60°C (-4°F ~ 140°F), B Model: -10°C ~ 50°C (14°F ~ 122°F)		
存储温度	-30°C ~ 70°C (-22°F ~ 158°F)		
认证	CE, FCC Class B		
操作系统	Windows 10 IoT, Windows 11 IoT, Linux		
尺寸	A Model: 283 x 221.1 x 51.2 mm B Model: 192.86 x 225.4 x 51.5 mm	A Model: 350 x 274 x 54.5 mm B Model: 350.51 x 274.51 x 56.5 mm	538.05 x 341.05 x 64 mm
重量	2.4 kg	3.7 kg	7.3 kg

加固型平板电脑



产品型号	ARC-1039	ARC-10W39	ARC-1239	ARC-1539
LCD 尺寸	10.4" 4:3	10.1", 16:10	12.1", 4:3	15", 4:3
显示类型	XGA	WXGA	XGA	XGA
分辨率	1024 x 768	1280 x 800	1024 x 768	1024 x 768
像素间距	0.0685 mm (H) x 0.2055 mm (V)	0.1695 mm (H) x 0.1695 mm (V)	0.240 mm (H) x 0.240 mm (V)	0.297 mm (H) x 0.297 mm (V)
亮度	500 cd/m ²	400 cd/m ²	600 cd/m ²	500 cd/m ²
对比度	1200	800	1000	2500
视角	88 (U), 88 (D), 88 (L), 88 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	88 (U), 88 (D), 88 (L), 88 (R)
响应时间	25 ms	25 ms	13 ms	16 ms
背光	LED	LED	LED	LED
触摸屏信息	5 Wires Resistive	Projective Capacitive Multi-touch Up to 10 Points	A Model: 5 Wires Resistive Touch B Model: PCAP Multi-touch Up to 10 Points	
透光率	80%	88%	80% (Resistive)/ 89% (PCAP)	
触摸控制器	Onboard USB Touch (PenMount)	EETI	Onboard USB Touch (PenMount) for Resistive; USB Touch (EETI/ ILITEK) for PCAP	
SBC	ARC-ASL			
处理器	Onboard Intel® Processor N150 (Option for Intel® Core™ 3 Processor N355/ Intel® Processor N97/ Intel Atom® x7433RE Processor /Intel® Core™ i3-N305 Processor)			
I/O 芯片	EC ITE IT5782VG			
系统内存	1 x 262-pin DDR5 4800MHz SO-DIMM Socket, Supports Up to 16GB			
扩展	1 x M.2 Key-B 2242/3042/3052 for SATA3/ PCIe x1/ USB3.2 1 x M.2 Key-E 2230 for Wi-Fi & BT Module 1 x 80-pin IET Interface			
存储	1 x M.2 Key-B 2242/3042/3052 for SATA3/ PCIe x1/ USB 3.2 or 1 x 2.5" Drive Bay (7 mm HDD Restricted)			
USB	2 x USB 3.2 (1 x Dual Deck, Type A) 1 x USB Type C (w/ PD (20V/3A Input), USB3.2 (Gen2x1, 10Gbps), Display Function)			
串行端口	1 x RS-232/422/485, Selectable by BIOS, RS-485 Supports Auto Flow, Pin-9 Selected by Ring/ +5V/ +12V; 1 x RS-232			
显示芯片组	Intel® Graphics			
显示分辨率	HDMI: Max. Resolution 4096 x 2160 @ 60Hz (Optional by IET Module)			
音频	Realtek ALC888S			
音频接口	2 x 2W Speaker Output Line-in, Line-out, Mic-in by Expandable IET (Option)			
以太网	2 x Intel® I226IT 2.5 GbE			
电源连接器	Lockable DC Jack (Phoenix Connector by option), +12V ~ 24V			
电源模式	AT/ ATX (ATX is Default Setting)			
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 72W Adapter (19V @ 3.78A Adapter)			
结构(前/后)	Silver Aluminum (Resistive); Black Die Casting	Die Casting with Cover Lens (P-cap); Black Die Casting	Silver Aluminum (Resistive), Die Casting with Cover Lens (P-cap); Black Die Casting	
工作温度	-10°C ~ 50°C (-14°F ~ 122°F)	-10°C ~ 50°C (-14°F ~ 122°F)	A Model: -20°C ~ 60°C (-4°F ~ 140°F), B Model: -10°C ~ 50°C (14°F ~ 122°F)	
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)			
认证	CE, FCC Class A			
操作系统	Windows 10 IoT, Windows 11 IoT, Linux			
尺寸	259.6 x 195.8 x 46 mm	282.4 x 201 x 50.9 mm	A Model: 292.86 x 225.4 x 51.5 mm B Model: 284 x 223 x 46 mm	A Model: 350 x 274 x 54.5 mm B Model: 350 x 274.5 x 53 mm
重量	2.3 kg	2.3 kg	A Model: 2.54 kg B Model: 2.4 kg	A Model: 5.6 kg B Model: 5.6 kg



产品型号	ARC-15W39	ARC-18W39	ARC-21W39
LCD 尺寸	15.6", 16:9	18.5", 16:9	21.5", 16:9
显示类型	FHD	FHD	FHD
分辨率	1920 x 1080	1920 x 1080	1920 x 1080
像素间距	0.17925 mm (H) x 0.17925 mm (V)	0.213 mm (H) x 0.213 mm (V)	247.95 um (H) x 247.95 um (V)
亮度	350 cd/m ²	500 cd/m ²	500 cd/m ²
对比度	800	1200	1000
视角	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	11 ms	35 ms	14 ms
背光	LED	LED	LED
触摸屏信息	Projective Capacitive Multi-touch Up to 10 Points	Projective Capacitive Multi-touch Up to 10 Points	Projective Capacitive Multi-touch Up to 10 Points
透光率	88%	85%	89%
触摸控制器	ILITEK	ILITEK	EETI
SBC	ARC-ASL		
处理器	Onboard Intel® Processor N150 (Option for Intel® Core™ 3 Processor N355/ Intel® Processor N97/ Intel Atom® x7433RE Processor /Intel® Core™ i3-N305 Processor)		
I/O 芯片	EC ITE IT5782VG		
系统内存	1 x 262-pin DDR5 4800MHz SO-DIMM Socket, Supports Up to 16GB		
扩展	1 x M.2 Key-B 2242/3042/3052 for SATA3/ PCIe x1/ USB3.2 1 x M.2 Key-E 2230 for Wi-Fi & BT Module 1 x 80-pin IET Interface		
存储	1 x M.2 Key-B 2242/3042/3052 for SATA3/ PCIe x1/ USB 3.2 or 1 x 2.5" Drive Bay (7 mm HDD Restricted)		
USB	2 x USB 3.2 (1 x Dual Deck, Type A) 1 x USB Type C (w/ PD (20V/3A Input), USB3.2 (Gen2x1, 10Gbps), Display Function)		
串行端口	1 x RS-232/422/485, Selectable by BIOS, RS-485 Supports Auto Flow, Pin-9 Selected by Ring/ +5V/ +12V; 1 x RS-232		
显示芯片组	Intel® Graphics		
显示分辨率	HDMI: Max. Resolution 4096 x 2160 @ 60Hz (Optional by IET Module)		
音频	Realtek ALC888S		
音频接口	2 x 2W Speaker Output Line-in, Line-out, Mic-in by Expandable IET (Option)		
以太网	2 x Intel® I226IT 2.5 GbE		
电源连接器	Lockable DC Jack (Phoenix Connector by option), +12V ~ 24V		
电源模式	AT/ ATX (ATX is Default Setting)		
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 72W Adapter (19V @ 3.78A Adapter)		
结构(前/后)	Die Casting with Cover Lens (P-cap); Black Die Casting		
工作温度	-10°C ~ 50°C (-14°F ~ 122°F)		
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)		
认证	CE, FCC Class A		
操作系统	Windows 10 IoT, Windows 11 IoT, Linux		
尺寸	391.2 x 239.2 x 57.5 mm	460 x 285.2 x 55.5 mm	538.05 x 341.05 x 60.05 mm
重量	3.7 kg	4.6 kg	7.3 kg

加固型平板电脑



产品型号	ARC-1242	ARC-1542	ARC-15W42
LCD 尺寸/ 显示类型	12.1", 4:3/ XGA	15", 4:3/ XGA	15.6", 16:9 / FHD
分辨率	1024 x 768	1024 x 768	1920 x 1080
像素间距	0.240 mm (H) x 0.240 mm (V)	0.297mm (H) x 0.297mm (V)	0.17925mm (H) x 0.17925mm (V)
亮度	600 cd/m ²	A Model: 500 cd/m ² , B Model: 300 cd/m ²	350 cd/m ²
对比度	1000	A Model: 2500, B Model: 2000	800
视角	89 (U), 89 (D), 89 (L), 89 (R)	88 (U), 88 (D), 88 (L), 88 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	13 ms	16 ms	11 ms
背光	LED	LED	LED
触摸屏信息	A Model: 5 Wires Resistive Touch B Model: PCAP Multi-touch Up to 10 Points	A Model: 5 Wires Resistive Touch B Model: PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
透光率	80% (Resistive)/ 89% (PCAP)	80% (Resistive)/ 89% (PCAP)	88%
触摸控制器	Onboard USB Touch (PenMount) for Resistive; USB Touch (EETI) for PCAP	Onboard USB Touch (PenMount) for Resistive; USB Touch (EETI) for PCAP	ILITEK
SBC	HID-2340 SBC		
处理器	13th Generation Intel® Raptor Lake PS Processors (FCLGA1700 Socket) Intel® Core™ 3 Processor 100UL (10M Cache, Up to 4.50 GHz) Intel® Core™ 5 Processor 120UL (12M Cache, Up to 4.60 GHz) Intel® Core™ 7 Processor 160UL (12M Cache, Up to 5.20 GHz)		
I/O 芯片	EC ITE IT5782VG		
系统内存	1x 262-pin DDR5 4800MHz SO-DIMM Up to 32GB		
扩展	1x M.2 Key B 3042/3052/2280 (PCIe, USB3, SATA) for 4G/5G/Capture Card 1x M.2 Key E 2230 (PCIe x1, USB2.0) for Wi-Fi 1x M.2 Key M 2280 (PCI-e x4) Slot for Storage 1x 80-pin IET Interface		
存储	1x M.2 Key M 2280 (PCI-e x4) Slot for Storage		
USB	3 x USB3.2, 1 x USB2.0, 1 x USB Type C		
串行端口	1 x RS-232/422/485		
其他	7 x Knockouts for Antenna Mounting (5 from Rear Cover + 2 from IET Bracket)		
显示芯片组	Intel® Iris® Xe Graphics (for Core i5 & i7) Intel® UHD Graphics for 12th Gen Intel® Processors (for Core i3 & Celeron)		
音频	Realtek ALC 888S		
音频接口	2 x 2W Speaker Output; Line-in, Line-out, Mic-in by Expandable IET (Option)		
以太网	1x Intel® I225LM 2.5 Gigabit Ethernet, 1x Intel® I226LM 2.5 Gigabit Ethernet		
电源连接器	Lockable DC Jack (Phoenix Connector by option), +12V ~ 24V		
电源模式	AT/ ATX (ATX is Default Setting)		
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 120W Adapter (24V @ 5A Adapter)		
结构(前/后)	Silver Aluminum (Resistive), Die Casting with Cover Lens (P-cap); Black Die Casting	Silver Aluminum (Resistive), Die Casting with Cover Lens (P-cap); Black Die Casting	Die Casting with Cover Lens (P-cap) Black Die Casting
工作温度	-10°C ~ 50°C (14°F ~ 122°F)		
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)		
认证	CE/ FCC Class A		
操作系统	Windows 10 IoT, Windows 11 IoT, Linux		
尺寸	A Model: 283 x 222.1 x 51.2 mm B Model: 293.77 x 226.31 x 54.5 mm	A Model: 350 x 274 x 54.5 mm B Model: 350.51 x 274.51 x 56.5 mm	391.21 x 293.21 x 61 mm
重量	2.4 kg	3.7 kg	3.7 kg



产品型号	ARC-18W42	ARC-21W42	ARC-1742-C1
LCD 尺寸/ 显示类型	18.5", 16:9	21.5", 16:9/ Full HD	17", 4:3
分辨率	1920 x 1080	1920 x 1080	1280 x 1024
像素间距	0.213mm(H) x 0.213mm(V)	247.95 um(H) x 247.95 um (V)	0.264mm(H) x 0.264mm(V)
亮度	500 cd/m ²	500 cd/m ²	250 cd/m ²
对比度	1200	1000	1000
视角	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	80 (U), 80 (D), 85 (L), 85 (R)
响应时间	35 ms	14 ms	5 ms
背光	LED	LED	LED
触摸屏信息	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
透光率	85%	89 %	89%
触摸控制器	ILITEK	EETI	ILITEK
SBC	HID-2340 SBC		EMX-ALUC
处理器	13th Generation Intel® Raptor Lake PS Processors (FCLGA1700 Socket) Intel® Core™ 3 Processor 100UL (10M Cache, Up to 4.50 GHz) Intel® Core™ 5 Processor 120UL (12M Cache, Up to 4.60 GHz) Intel® Core™ 7 Processor 160UL (12M Cache, Up to 5.20 GHz)		Onboard Intel® 12th/13th Gen Alder Lake & Raptor Lake U Series BGA Processor (TDP: 15W)
I/O 芯片	EC ITE IT5782VG		ITE IT8786E-I
系统内存	1 x 262-pin DDR5 4800MHz SO-DIMM Up to 32GB		2 x 260-Pin DDR4 3200MHz non-ECC SO-DIMM Socket Supports Up to 2 x 32GB
扩展	1 x M.2 Key B 3042/3052/2280 (PCIe, USB3, SATA) for 4G/5G/Capture Card 1 x M.2 Key E 2230 (PCIex1, USB2.0) for Wi-Fi 1 x M.2 Key M 2280 (PCI-e x4) Slot for Storage 1 x 80-pin IET Interface		1 x M.2 Key-B 2242/3052 1 x M.2 Key-E 2230, 1 x M.2 Key-M 2280 1 x Wafer Connector for SIM Card Cable (Option)
存储	1 x M.2 Key M 2280 (PCI-e x4) Slot for Storage		1 x M.2 Key-M 2280 (PCIe x4/SATA) slot for storage NVMe/SATA SSD (Auto Detect), 1 x 2.5" Drive Bay
USB	3 x USB3.2, 1 x USB2.0, 1 x USB Type C		6 x USB3.2 Gen1x1, *2 x USB 2.0 on Bottom (Optional, Multi-purpose I/O for USB/COM/GPIO) or on Top (Optional)
串行端口	1 x RS-232/422/485		2 x RS232 / 485 (Default), 1 x RS232 (Default) *3 pre-cut Hole for 3 x RS232 / 1 x GPIO / 2 x USB2.0 (Optional)
其他	7 x Knockouts for Antenna Mounting (5 from Rear Cover + 2 from IET Bracket)		AUX-089 (SIM Card Expansion Card)
显示芯片组	Intel® Iris® Xe Graphics (for Core i5 & i7) Intel® UHD Graphics for 12th Gen Intel® Processors (for Core i3 & Celeron)		Intel® Iris® Xe Graphics eligible
音频	Realtek ALC 888S		Realtek ALC 888S
音频接口	2 x 2W Speaker Output; Line-in, Line-out, Mic-in by Expandable IET (Option)		2 x 5W Speaker Output
以太网	1 x Intel® I225LM 2.5 Gigabit Ethernet 1 x Intel® I226LM 2.5 Gigabit Ethernet		1 x Intel® I219LM Gigabit Ethernet PHY (LAN1) 1 x Intel® I226LM 2.5 Gigabit Ethernet (LAN2)
电源连接器	Lockable DC Jack (Phoenix Connector by option), +12V ~ 24V		Lockable DC Jack, +12V
电源模式	AT/ ATX (ATX is Default Setting)		AT/ ATX (ATX is Default Setting)
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 120W Adapter (24V @ 5A Adapter)		Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 120W Adapter (12V @ 10A Adapter)
结构(前/后)	Die Casting with Cover Lens (P-cap), Black Die Casting		Front Aluminum Die Casting, Rear Aluminum Alloy
工作温度	-10°C ~ 50°C (14°F ~ 122°F)		0°C ~ 50°C (32°F ~ 122°F)
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)		-20°C ~ 60°C (-4°F ~ 140°F)
认证	CE/ FCC Class A		CE, FCC Class A, CCC
操作系统	Windows 10 IoT, Windows 11 IoT, Linux		Windows 10 IoT, Windows 11 IoT, Linux
尺寸	460 x 285.2 x 59 mm	538.05 x 341.05 x 64mm	392.7 x 325.3 x 71.65mm
重量	4.6 kg	7.3 kg	5.6 kg

加固型平板电脑



产品型号	ARC-1238	ARC-1538	ARC-21W38
LCD 尺寸	12.1"	15"	21.5"
显示类型	XGA	XGA	Full HD
分辨率	1024 x 768	1024 x 768	1920 x 1080
像素间距	0.240 x 0.240 mm	0.297 x 0.297 mm	0.248 x 0.248
亮度	600 cd/m ²	300 cd/m ² , 500 cd/m ²	250 cd/m ²
对比度	1000	2000	3000
视角	89 (U), 89 (D), 89 (L), 89 (R)	88 (U), 88 (D), 88 (L), 88 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	13 ms	16 ms	20 ms
背光	LED	LED	LED
触摸屏信息	A Model: 5-Wire Resistive Touch B Model: PCAP Multi-touch Up to 10 Points (Full Flat Design)		PCAP Multi-touch Up to 10 Points
透光率	5-Wire Resistive Touch: 80%, Projective Capacitive Multi-Touch: 89%		88%
触摸控制器	A Model: Onboard USB Touch (PenMount) B Model: External USB Controller (EETI/ ILITEK)		USB Touch (EETI)
SBC	ARC-TGL		
处理器	On board 11th Gen. Intel® Core™ i7/i5/i3/ Celeron BGA Processor		
I/O 芯片	EC (IT8528VG-I/FX)		
系统内存	Single 260-pin DDR4 SODIMM Socket, Supports Up to 32GB DDR4 3200MTs SDRAM		
扩展	1 x M.2 Key-E 2230 for Wi-Fi & BT Module 1 x M.2 Key-B 2242/3042/3052 for SATA3/PCIe x1/ USB3.1		
存储	1 x M.2 Key-B 2242/3042/3052 for SATA3/PCIe x1/ USB3.1 or 1 x 2.5" Drive Bay (7 mm HDD Restricted)		
USB	4 x USB 3.1 Gen.2		
串行端口	1 x RS-232/422/485, Selectable by BIOS, RS-485 Supports Auto Flow, Pin-9 Selected by Ring/ +5V/ +12V; 1 x RS-232		
显示芯片组	Intel® 11th Generation CPU Integrated		
显示分辨率	HDMI: Max. Resolution 4096 x 2160 @ 60Hz (Optional by IET Module)		
音频	Realtek ALC897		
音频接口	2 x 2W Speakers		
以太网	1 x Intel® I219LM PCI-e Gigabit Ethernet, 1 x Intel® I225LM 2.5 Gigabit Ethernet		
电源连接器	Lockable DC Jack, +12 ~ 24V		
电源模式	AT/ ATX (ATX is Default Setting)		
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 72W Adapter (19V @ 3.78A)		Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 120W Adapter (24V @ 5A)
结构(前/后)	A Model: Front Metal, Rear Aluminum Die Casting; B Model: Aluminum Die Casting		
工作温度	-10°C ~ 50°C (14°F ~ 122°F)		
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)		
认证	CE, FCC Class B		
操作系统	Windows 10 IoT, Windows 11 IoT, Linux		
尺寸	A Model: 283 x 221 x 51.2 mm B Model: 284 x 223 x 46 mm	A Model: 350 x 274 x 54.5 mm B Model: 350.51 x 274.51 x 56.5 mm	538.05 x 341.05 x 64 mm
重量	2.4 kg	3.7 kg	7.3 kg



产品型号	ARC-1538-C1	ARC-1738-C2	ARC-21W38-C1
LCD 尺寸	15"	17"	21.5"
显示类型	XGA	SXGA	FHD
分辨率	1024 x 768	1280 x 1024	1920 x 1080
像素间距	0.297 mm (H) x 0.297 mm (V)	0.264 mm (H) x 0.264 mm (V)	247.95 um (H) x 247.95 um (V)
亮度	350 cd/m ²	250 cd/m ²	250 cd/m ²
对比度	1000	1000	1000
视角	89 (U), 89 (D), 89 (L), 89 (R)	80 (U), 80 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	30 ms	5 ms	20 ms
背光	LED	LED	LED
触摸屏信息	PCAP Multi-touch Up to 10 Points (Full Flat Design)	PCAP Multi-touch Up to 10 Points (Full Flat Design)	PCAP Multi-touch Up to 10 Points (Full Flat Design)
透光率	>=85%	89%	>=85%
触摸控制器	USB Touch (ILITEK)	USB Touch (ILITEK)	USB Touch (ILITEK)
SBC	EMX-TGLC-B1		
处理器	On board 11th Gen. Intel® Core™ i5/i3/Celeron BGA Processor		
I/O 芯片	NuvoTon_NCT6126D		
系统内存	2 x 260-pin DDR4 3200 MHz S0-DIMM Socket, Supports Up to 64GB Max		
扩展	1 x M.2 Key B + M 3042/3052/2242/2260/2280 Support 1 x PCIe1/SATA/USB3.0/USB2.0 with 1 x SIM Card Slot Support WWAN + GNSS 1 x M.2 Key E 2230 Support Wi-Fi Module		
存储	M.2 Type B + M 3042/3052/2242/2260/2280 SSD (SATA) 1 x 2.5" Drive Bay Design		
USB	3 x USB 3.2 Gen2, 1 x USB 3.2 Gen1 3 x RS232 or GPIO or USB 2.0 (Optional)		
串行端口	1 x RS232/422/485 (Default) 2 x RS232 (Default) 3 x RS232 or GPIO or USB2.0 (Optional)		
显示芯片组	Intel® 11th Generation CPU Integrated		
显示分辨率	2 x DP++: 1920 x 1080 @ 60 Hz		
音频	Realtek ALC897 co-lay ALC888S (Default: ALC897)		
音频接口	2 x 5W Speakers		
以太网	1 x Intel® I219LM Gigabit Ethernet PHY (LAN1) 1 x Intel® I226LM 2.5 Gigabit Ethernet (LAN2)		
电源连接器	Mini-DIN 4pin DC-in, +12V ~ 24V DC-in		
电源模式	AT/ ATX (ATX is Default Setting)		
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 120W Adapter (24V @ 5A)		
结构(前/后)	Front Aluminum Die Casting, Rear Aluminum Alloy		
工作温度	0°C ~ 50°C (32°F ~ 122°F)		
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)		
认证	CE, FCC Class B, UKCA, LVD, VCCI, CCC	CE, FCC Class A, CCC	CE, FCC Class B, UKCA, LVD, VCCI
操作系统	Windows 10 IoT, Windows 11 IoT, Linux		
尺寸	350.51 x 274.51 x 65 mm	392.7 x 325.3 x 71.65 mm	538.05 x 341.05 x 63.55 mm
重量	5.8 kg	5.6 kg	10.1 kg

加固型平板电脑



产品型号	FPC-08W29	FPC-10W09
LCD 尺寸	8"	10.1"
显示类型	WSVGA	WSVGA
分辨率	1024 x 600	1024 x 600
像素间距	0.1725 mm (H) x 0.1656 mm (V)	0.2175 mm (H) x 0.2088 mm (V)
亮度	500 cd/m ²	350 cd/m ²
对比度	700	500
视角	70 (U), 75 (D), 75 (L), 75 (R)	70 (U), 70 (D), 70 (L), 70 (R)
响应时间	20 ms	16 ms
背光	LED	LED
触摸屏信息	5-Wire Resistive	5-Wire Resistive
透光率	80 %	80 %
触摸控制器	Onboard USB Touch (PenMount)	Onboard USB Touch (PenMount)
SBC	ECM-BYT	ECM-BYT
处理器	Intel® Atom™ E3845 4-Core 1.91GHz Processor	Intel® Atom™ E3845 4-Core 1.91GHz Processor
系统芯片	Intel® Valleyview SoC	Intel® Valleyview SoC
I/O 芯片	Nuvoton W83627DHG-P	Nuvoton W83627DHG-P
系统内存	1 x 204-Pin DDR3L 1333MHz SO-DIMM Up to 8GB	1 x 204-Pin DDR3L 1333MHz SO-DIMM Up to 8 GB
扩展	1 x Mini PCIe Supports mSATA	1 x Mini PCIe Supports mSATA
存储	1 x CompactFlash Type I/II Socket (CF-SATA Optional)	2.5" SSD/ HDD or Type I/II CF Card
I/O	3 x USB 2.0, 1 x USB 3.0 1 x RS-232/422/485, 1 x RS-232	4 x USB 2.0, 1 x USB 3.0 1 x RS-232/422/485
显示芯片组	Intel® Valleyview SoC Integrated Graphics Supports Dual Display	Intel® Valleyview SoC Integrated Graphics Supports Dual Display
显示分辨率	VGA: Max. Resolution 2560 x 1080 @ 60Hz HDMI: Max. Resolution 1920 x 1200 @ 60Hz	VGA: Max. Resolution 2560 x 1080 @ 60Hz HDMI: Max. Resolution 1920 x 1200 @ 60Hz
音频	Realtek ALC888S Support 5.1-CH	Realtek ALC888S Support 5.1-CH
以太网	2 x Intel® I210AT	2 x Intel® I210AT
电源模式	AT/ ATX (ATX is Default Setting), Lockable DC Jack, +12V ~ +26V (12V @ 5A Adapter)	AT/ ATX (ATX is Default Setting), Lockable DC Jack, +12V ~ +26V (12V @ 5A Adapter)
结构(前/后)	Metal, Aluminum + Metal	Metal, Aluminum + Metal
尺寸	225 x 129 x 43.4 mm	300 x 195 x 56 mm
重量	1.27 kg	1.50 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-10°C ~ 50°C (14°F ~ 122°F)	-10°C ~ 50°C (14°F ~ 122°F)
认证	CE, FCC Class B	CE, FCC Class B
操作系统	Windows 7, Windows 8.1, Linux, Windows 10 IoT	Windows 7, Windows 8.1, Linux, Windows 10 IoT



产品型号	FPC-10W39	FPC-1736	FPC-21W42
LCD 尺寸	10.1"	17"	21.5"
显示类型	WSVGA	SWGA	FHD
分辨率	1024 x 600	1280 x 1024	1920 x 1080
像素间距	0.2175 mm (H) x 0.2088 mm (V)	0.264 mm (H) x 0.264 mm (V)	0.248 mm (H) x 0.248 mm (V)
亮度	350 cd/m ²	250 cd/m ²	250 cd/m ²
对比度	500	1000	1000
视角	70 (U), 70 (D), 70 (L), 70 (R)	80 (U), 80 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	16 ms	5 ms	20 ms
背光	LED	LED	LED
触摸屏信息	5-Wire Resistive	Projective Capacitive	Projective Capacitive
透光率	80 %	89 %	85%
触摸控制器	Onboard USB Touch (EETI)	Onboard USB Touch (ILITEK)	Onboard USB Touch (EETI)
SBC	ECM-ASL	EMX-H3102C	MX610H
处理器	Intel® Processor N97	Intel® Core™ i3/i5/i7 Processors (LGA1151 Socket, Max. TDP at 65W)	13th Generation Intel® Core™ i3/i5/i7 Processors (LGA1700 Socket, Max. TDP 65W)
系统芯片	N/A	Intel® H310 Express Chip	Intel® H610E
I/O 芯片	ITE IT5782VG	ITE IT8786E-I	Fintek® F81966AB-I
系统内存	1 x 262-Pin DDR5 4800MHz SO-DIMM Up to 16GB Max	2 x 260-Pin DDR4 2666MHz SO-DIMM Up to 64GB Max	2 x 262-pin DDR5 4800MHz SO-DIMM Up to 64GB Max
扩展	1 x M.2 E-key Slot, Type-2230 with PCIe	1 x PCIe x4 Slot (Option for 2 x PCI Slot) 1 x M.2 E-key Slot, Type-2230 with PCIe	1 x PCIe x16 Slot (Option for 2 x PCI Slot) 1 x M.2 E-key Slot, Type-2230 with PCIe
存储	1 x M.2 B-Key 2242 with PCIe x1	1 x M.2 M-key 2242 with SATA	1 x M.2 M-key 2280/2242 with SATA
I/O	3 x USB 3.2, 1 x USB 2.0 1 x RS-422/485	4 x USB 3.0 4 x RS-232	4 x USB 3.2, 2 x USB 2.0 2 x RS-232/422/485
显示芯片组	Intel® UHD Graphics Integrated Graphics Supports Triple Display	Intel® 8/ 9th Generation CPU Integrated	Intel® UHD Graphics Integrated Graphics Supports Triple Display
显示分辨率	HDMI: Max. Resolution 4096 x 2160 @ 60Hz	VGA: Max. Resolution 2560 x 1080 @ 60Hz HDMI: Max. Resolution 1920 x 1200 @ 60Hz	DP: Max. Resolution 4096 x 2304 @ 60Hz HDMI: Max. Resolution 3840 x 2160 @ 30Hz
音频	Realtek ALC888S	Realtek ALC888S Support 5.1-CH	Realtek ALC897
以太网	2 x Intel® I226V/I226IT 2.5 Gigabit Ethernet	1 x Intel® I219-V Gigabit Ethernet 1 x Intel® I225-V 2.5 Gigabit Ethernet	1 x Intel® I219-LM Gigabit Ethernet 1 x Intel® I225-V 2.5 Gigabit Ethernet
电源模式	AT/ ATX (ATX is Default Setting), Lockable DC Jack, +12V ~ +26V (19V @ 3.78A Adapter)	AT/ ATX (ATX is Default Setting), Lockable DC Jack, +12V ~ +24V (19V @ 6.32A Adapter)	AT/ ATX (ATX is Default Setting), PSU Flex ATX 300W
结构(前/后)	Metal, Aluminum + Metal	Metal	Metal
尺寸	300 x 195 x 73 mm	392.7 x 325.32 x 121.55 mm	538 x 341 x 122 mm
重量	1.50 kg	7.5 kg	12.6 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)
存储温度	-10°C ~ 50°C (14°F ~ 122°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
认证	CE, FCC Class B, UKCA, LVD, VCCI	CE, FCC Class A, CCC	CE, FCC Class B, UKCA, LVD, VCCI
操作系统	Windows 10, Windows 11, Linux	Windows 10 IoT, Linux	Windows 10, Windows 11, Linux

不锈钢平板电脑



产品型号	SPC-1542	SPC-2142	SPC-10W35
LCD 尺寸	15", 4:3	21.5", 16:9	10.1", 16:10
显示类型	XGA	Full HD	WXGA
分辨率	1024 x 768	1920 x 1080	1280 x 800
像素间距	0.297 x 0.297 mm	0.248 x 0.248 mm	0.1695mm (H) x 0.1695mm (V)
亮度	300 cd/m ²	250 cd/m ²	350 cd/m ²
对比度	2000	3000	800
视角	88 (U), 88 (D), 88 (L), 88 (R)	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)
响应时间	16 ms	18 ms	25 ms
背光	LED	LED	LED
触摸屏信息	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
透光率	89%	89%	88 %
触摸控制器	USB (EETI)	USB (EETI)	EETI
SBC	HID-2340	HID-2340	ECM-EHL3
处理器	Socketed FCLGA1700 Intel® 12th/13th Gen Core™ i7/i5/i3 Processor	Socketed FCLGA1700 Intel® 12th/13th Gen Core™ i7/i5/i3 Processor	Onboard Intel® Elkhart Lake Processor
I/O 芯片	ITE IT8883FN-I	ITE IT8883FN-I	IT5571E
系统内存	1 x 262-pin DDR5 4800MHz SO-DIMM, Up to 32GB Max.	1 x 262-pin DDR5 4800MHz SO-DIMM, Up to 32GB Max.	1 x 204-Pin DDR4 3200MHz SO-DIMM, Up to 32GB Max.
扩展	1 x M.2 Key-B 2280/3042/3052 with SIM Card Slot Support SATA3/ PCIe & USB for LTE (4/5G) 1 x M.2 Key-E, 2230 Supports Wi-Fi Module	1 x M.2 Key-B 2280/3042/3052 with SIM Card Slot Support SATA3/ PCIe & USB for LTE (4/5G) 1 x M.2 Key-E, 2230 Supports Wi-Fi Module	1 x M.2 key-E 2230 Supports Wi-Fi Module 1 x M.2 key-B 3042/2242 1 x M.2 key-M Supports 2260 Slot
存储	1 x M.2 Support SATA, 1 x 2.5" SATA3 Drive Bay	1 x M.2 Support SATA, 1 x 2.5" SATA3 Drive Bay	1 x M.2 Support SATA, 1 x 2.5" SATA3 Drive Bay
USB	2 x M12 Connector (USB2.0)	2 x M12 Connector (USB2.0)	2 x M12 Connector (USB 2.0)
串行端口	1 x M12 Connector (RS232/422/485 by Jumper & BIOS Selection)	1 x M12 Connector (RS232/422/485 by Jumper & BIOS Selection)	1 x M12 Connector (RS232/422/485 by Jumper & BIOS Selection)
显示芯片组	Intel® UHD Graphics	Intel® UHD Graphics	Intel® SoC Integrated Graphics
音频	Realtek ALC 888S	Realtek ALC 888S	Realtek ALC 888S
以太网	1 x M12 Connector (1 x Intel® I225LM, 1 x Intel® I226LM 2.5 Gigabit Ethernet)	1 x M12 Connector (1 x Intel® I225LM, 1 x Intel® I226LM 2.5 Gigabit Ethernet)	1 x M2 Connector (2 x Intel® I210AT PCIe Gigabit Ethernet)
电源连接器	1 x M12 DC Jack, +12V ~ 24V	1 x M12 DC Jack, +12V ~ 24V	1 x M12 DC Jack, +12V ~ 24V
电源模式	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (24V @ 3.75A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (24V @ 3.75A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (24V @ 2.5A Adapter)
结构(前/后)	Stainless Steel	Stainless Steel	Stainless Steel
工作温度	-10°C ~ 50°C (-14°F ~ 122°F)	-10°C ~ 50°C (-14°F ~ 122°F)	-10°C ~ 50°C (-14°F ~ 122°F)
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A
操作系统	Windows 10 IoT, Windows 11 IoT, Linux	Windows 10 IoT, Windows 11 IoT, Linux	Windows 10 IoT, Windows 11 IoT, Linux
防护等级	Full IP66, IP69K	Full IP66, IP69K	Full IP66, IP69K
尺寸	TBD	562 x 365.8 x 49 mm	296 x 214 x 49 mm
重量	5.7 kg	11.3 kg	3 kg



SPC-1533-B1	SPC-2133-B1	SPC-07WR2	SPC-10WR2	SPC-21WR2
15", 4:3	21.5", 16:9	7", 75:128	10.1", 10:16	21.5", 16:9
XGA	Full HD	WSVGA	WXGA	Full HD
1024 x 768	1920 x 1080	600 x 1024	800 x 1280	1920 x 1080
0.297 x 0.297 mm	0.248 x 0.248 mm	0.1488 x 0.1488 mm	0.1692 x 0.1692 mm	0.24795 x 0.24795 mm
300 cd/m ²	250 cd/m ²	350 cd/m ²	350 cd/m ²	250 cd/m ²
2000	3000	800	1000	3000
88 (U), 88 (D), 88 (L), 88 (R)	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
16 ms	18 ms	25 ms	25 ms	10 ms
LED	LED	LED	LED	LED
PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
89%	89%	86%	86%	85%
USB (EETI)	USB (EETI)	USB (EETI)	USB (ILITEK)	USB (EETI)
EMX-APLP		ACP-RK3568		
Onboard Intel® Apollo Lake Processor		Onboard Rockchip RK3568		
ITE IT8528		N/A		
2 x 204-pin DDR3L 1600MTs, Up to 16GB Max.		2GB DDR4 on board		
1 x Full Size Mini PCI-e Support mSATA (SATA III and mSATA by Auto Switch IC) 1 x SIM Card Slot 1 x M.2 (2230) A-Key, Support Wi-Fi Module		N/A		
1 x Full Size Mini PCI-e mSATA, 1 x 2.5" SATA3 Drive Bay		32GB eMMC on board		
2 x M12 Connector (USB2.0)		2 x USB 3.0 Type-A (for KDS Model) 1 x M12 Connector (USB 2.0) (Option for M12 Model)		
1 x M12 Connector (RS232/422/485 by Jumper & BIOS Selection)		1 x M12 Connector (RS232) (Option for M12 Model)		
Intel® SoC Integrated Graphics				
Realtek ALC 888S/897		1 x Headphone Jack for Line Out (for KDS Model)		
1 x M2 Connector (1 x Intel® I210AT PCIe Gigabit Ethernet)		1 x RJ45 10/100/1000 (for KDS Model) 1 x M12 Connector (Option for M12 Model)		
1 x M12 DC Jack, +12V ~ 26V (Option for Phoenix Connector)		1 x DC Jack +12 ~ 24V (for KDS Model) 1 x M12 DC Jack +19 ~ 24V (Option for M12 Model)		
AT/ ATX (ATX is Default Setting)		AT only (Default)		
Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)		KDS Model: Input: 100 ~ 240Vac/ 50 ~ 60Hz, Output: 72W Adapter (19V @ 3.78A Adapter) M12 Model: Input: 100 ~ 240Vac/ 50 ~ 60Hz, Output: 60W Adapter (24V @ 2.5A Adapter)		
Stainless Steel		Stainless Steel		
-10°C ~ 50°C (-14°F ~ 122°F)		0°C ~ 40°C (32°F ~ 104°F)		
-20°C ~ 60°C (-4°F ~ 140°F)		-20°C ~ 60°C (-4°F ~ 140°F)		
CE, FCC Class A		CE, FCC Class B		
Windows 10 IoT, Linux, Android x86 8.1		Android 14, Debian 11		
Full IP66, IP69K		5-Sides IP65 (for KDS Model), Full IP66, IP69K (for M12 Model)		
393 x 315.8 x 49 mm	562 x 365.8 x 49 mm	212.6 x 171.6 x 36.9 mm	276.6 x 216.6 x 36.9 mm	541.6 x 358.6 x 47 mm
5.7 kg	9.4 kg	1.8kg	2.4kg	8.2kg

通用平板电脑



产品型号	SID-10WR2	SID-15WR2	SID-21WR2	SID-10W04
LCD 尺寸	10.1"	15.6"	21.5"	10.1"
分辨率	1280 x 800	1920 x 1080	1920 x 1080	1280 x 800
像素间距	0.1695 (H) x 0.1695 (V) mm	0.17925 (H) x 0.17925 (V) mm	0.24795 (H) x 0.24795 (V) mm	0.1692 (H) x 0.1692 (V) mm
亮度	350 cd/m ²	300 cd/m ²	250 cd/m ²	350 cd/m ²
对比度	800	700	3000	1000
视角	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)
响应时间	30 ms	30 ms	30 ms	25 ms
背光	LED	ELED	LED	LED
触摸屏信息	PCAP Multi-touch Up to 10 Points			
透光率	86%	86%	86%	86%
处理器	Rockchip RK3568	Rockchip RK3568	Rockchip RK3568	Intel Celeron J3455
内存	Onboard 2GB DDR4	Onboard 4GB LPDDR4	Onboard 2GB DDR4	4GB DDR3L SO-DIMM (Up to 8GB Optional)
存储	Onboard 32GB eMMC	Onboard 64GB eMMC	Onboard 32GB eMMC	Onboard 32GB eMMC
内存	Mali-G52 GPU	Mali-G52 GPU	Mali-G52 GPU	Intel® HD Graphics 500
HDMI	1 x HDMI 2.0	1 x HDMI-in	1 x HDMI 2.0	1 x HDMI 1.4b
USB	2 x USB 3.0 Type-A	1 x USB 3.0 Type-A, 1 x USB 3.0 Type-C 1 x USB 2.0 Type-A	2 x USB 3.0 Type-A	2 x USB 3.0 Type-A
串行端口	1 x RS-232	N/A	1 x RS-232 1 x RS-485	1 x RS-232
音频接口	1 x Headphone Jack 2 x 4Ω 2W Speakers (Optional)	2 x 4Ω 3W Speaker	1 x Headphone Jack 2 x 4Ω 2W Speakers (Optional)	1 x Headphone Jack 2 x 4Ω 2W Speakers (Optional)
以太网	1 x 10/100/1000 Mbps RJ45 LAN			
Wi-Fi	Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac
蓝牙	5.0	5.4	5.0	5.0
电源连接器	DC Jack, 12-24 VDC	DC Jack, 12 VDC / Powered LAN 802.3at	DC Jack, 12-24 VDC	DC Jack, 12-24 VDC
电源模式	AT / ATX (default: AT)			
适配器	Input: 100 ~ 240 Vac / 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240 Vac / 50 ~ 60Hz Output: 24W Adapter (12V @ 2A Adapter)	Input: 100 ~ 240 Vac / 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240 Vac / 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
结构/颜色	Metal, Black	Plastic, Black	Metal, Black	Metal, Black
安装工具包	VESA 75 x 75	VESA 75 x 75	VESA 100 x 100	VESA 75 x 75
尺寸	258.8 x 182.8 x 41.1 mm	370 x 228 x 23.5mm	535.3 x 329.3 x 48.1 mm	258.8 x 182.8 x 49.6 mm
重量	1.36 kg	2.1 kg	7.2 kg	2.6 kg
防护等级	Front IP65	N/A	Front IP65	Front IP65
工作温度	0°C ~ 40°C (32°F ~ 104°F)			
工作湿度	5% ~ 90% Relative Humidity, Non-condensing	20% ~ 80% Relative Humidity, Non-condensing	5% ~ 90% Relative Humidity, Non-condensing	5% ~ 90% Relative Humidity, Non-condensing
认证	CE, FCC Class B			
操作系统	Android 11/14 Debian 11	Android 14	Android 11/14 Debian 11	Windows 10 IoT Ubuntu 20.04



SID-15W04	SID-21W04	SID-10WAD	SID-15WAD	SID-21WAD
15.6"	21.5"	10.1"	15.6"	21.5"
1920 x 1080	1920 x 1080	800 x 1280	1920 x 1080	1920 x 1080
0.17925 (H) x 0.17925 (V) mm	0.24795 (H) x 0.24795 (V) mm	0.1692 (H) x 0.1692 (V) mm	0.17925 (H) x 0.17925 (V) mm	0.24795 (H) x 0.24795 (V) mm
220 cd/m ²	250 cd/m ²	350 cd/m ²	220 cd/m ²	500 cd/m ²
800	3000	1000	800	1000
85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	87.5 (U), 87.5 (D), 87.5 (L), 87.5 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
30 ms	30 ms	25 ms	30 ms	14 ms
LED	LED	LED	LED	LED
PCAP Multi-touch Up to 10 Points				
85%	86%	85%	85%	85%
Intel Celeron J3455	Intel Celeron J3455	Intel N50 / Intel N150	Intel N50 / Intel N150	Intel N50 / Intel N150
4GB DDR3L SO-DIMM	4GB DDR3L SO-DIMM	Onboard 8GB LPDDR5	Onboard 8GB LPDDR5	Onboard 8GB LPDDR5
Onboard 32GB eMMC Micro SD Slot	Onboard 32GB eMMC Micro SD Slot	Onboard 64GB eMMC 128GB (Optional)	Onboard 64GB eMMC 128GB (Optional)	Onboard 64GB eMMC 128GB (Optional)
Intel® HD Graphics 500	Intel® HD Graphics 500	Intel® UHD Graphics	Intel® UHD Graphics	Intel® UHD Graphics
1 x HDMI 1.4b	1 x HDMI 1.4b	1 x HDMI 2.1	N/A	N/A
2 x USB 3.0 Type-A	2 x USB 3.0 Type A			
1 x RS-232 1 x RS-485	1 x RS-232 1 x RS-485	1 x RS-232	1 x RS-232/422/485	1 x RS-232/422/485
1 x Headphone Jack 2 x 4Ω 2W Speakers (Optional)	1 x Headphone Jack 2 x 4Ω 2W Speakers (Optional)	1 x Headphone Jack 2 x 4Ω 2W Speakers (Optional)	1 x Headphone Jack 2 x 4Ω 2W Speakers (Optional)	1 x Headphone Jack 2 x 4Ω 2W Speakers (Optional)
1 x 10/100/1000 Mbps RJ45 LAN				
Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac/ax	Wi-Fi 802.11 a/b/g/n/ac/ax	Wi-Fi 802.11 a/b/g/n/ac/ax
5.0	5.0	5.2	5.2	5.2
DC Jack +12 ~ +24VDC				
AT / ATX (default: AT)				
Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
Metal, Black				
VESA 100 x 100	VESA 100 x 100	VESA 75 x 75	VESA 100 x 100	VESA 100 x 100
388.8 x 258.8 x 49.6 mm	533.3 x 329.3 x 56.6 mm	255 x 169 x 42 mm	384 x 258 x 39 mm	535.3 x 329.3 x 46mm
4.5 kg	8.7 kg	1.27 kg	2.85 kg	7.27 kg
Front IP65				
0°C ~ 40°C (32°F ~ 104°F)				
5% ~ 90% Relative Humidity, Non-condensing				
CE, FCC Class B				
Windows 10 IoT Ubuntu 20.04	Windows 10 IoT Ubuntu 20.04	Windows 10 IoT Windows 11 IoT (w/ TPM) Ubuntu 24.04	Windows 10 IoT Windows 11 IoT (w/ TPM) Ubuntu 24.04	Windows 10 IoT Windows 11 IoT (w/ TPM) Ubuntu 24.04

通用平板电脑



产品型号	APC-15WR2
LCD 尺寸/显示类型	15.6", Full HD
分辨率	1920 x 1080
像素间距	0.17925 (H) x 0.17925 (V) mm
亮度	400 cd/m ²
对比度	800
视角	85 (U), 85 (D), 85 (L), 85 (R)
响应时间	8 ms
背光	LED
触摸屏信息	PCAP Multi-touch Up to 10 Points
透光率	87%
触摸控制器	USB Touch (ILITEK)
处理器	Rockchip RK3568
系统内存	Onboard 4GB LPDDR4
扩展	1 x M.2 3042 B-Key
存储	Onboard 64GB eMMC
USB	2 x USB 3.0 Type A
串行端口	1 x RS-232/485
音频	1 x 3.5mm Combo Audio Jack 2 x 4Ω 2W Speakers
以太网	1 x Realtek RTL8211F Gigabit
电源连接器	DC Jack, 12-24 VDC/ Powered LAN 802.3at
电源模式	AT
适配器	Optional Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
结构	Plastic PC + ABS w/ Antibacterial
尺寸	388.5 x 263 x 31.5 mm
重量	2.2 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-10°C ~ 60°C (-14°F ~ 140°F)
认证	CE, FCC Class B
操作系统	Android 11 / 14

产品型号	CCD-07WR2	CCD-10WR2
LCD 尺寸	7"	10.1"
显示类型	WXGA	WXGA
分辨率	1024 x 600	1280 x 800
像素间距	0.1488 (H) x 0.1488 (V) mm	0.1695 (H) x 0.1695 (V) mm
亮度	350 cd/m ²	350 cd/m ²
对比度	800	800
视角	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)
响应时间	25 ms	30 ms
背光	LED	LED
触摸屏信息	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
透光率	86%	86%
处理器	Rockchip RK3568	
内存	Onboard 2GB DDR4	
存储	Onboard 32GB eMMC	
HDMI 分辨率	HDMI Up to 1080p @ 30Hz	
USB	2 x USB 3.0 Type A	
音频	1 x Headphone Jack 1 x 2W Speaker	
其他	1 x 2MP Camera with Digital Microphone	
以太网	1 x 10/100/1000 RJ45 LAN	
Wi-Fi	Wi-Fi 802.11 a/b/g/n/ac	
蓝牙	5.0	
电源连接器	DC Jack, 12 - 24 VDC	
电源模式	AT	
适配器	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 50W Adapter (19V @ 2.1A Adapter)	
结构/颜色	Plastic, White	
安装工具包	VESA 75 x 75	
尺寸	190.8 x 123.6 x 30.5 mm	260.8 x 174.7 x 34 mm
重量	580 g	800 g
工作温度	0°C ~ 40°C (32°F ~ 104°F)	
工作湿度	5% ~ 90% Relative Humidity, Non-condensing	
认证	CE, FCC Class B	
操作系统	Android 11, Debian 11	



产品型号	VNS-10WR2	VNS-10WAD
LCD 尺寸	10.1"	10.1"
显示类型	WXGA	WXGA
分辨率	1280 x 800	1280 x 800
像素间距	0.1695 (H) x 0.1695 (V) mm	0.1695 (H) x 0.1695 (V) mm
亮度	350 cd/m ²	350 cd/m ²
对比度	800	800
视角	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)
响应时间	30 ms	30 ms
背光	LED	LED
触摸屏信息	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
透光率	86%	86%
处理器	Rockchip RK3568	Intel N50 / Intel N150
系统内存	Onboard 4GB LPDDR4	Onboard 8GB LPDDR5
存储	Onboard 64GB eMMC	Onboard 64GB eMMC
USB	2 x USB 3.0 Type A	2 x USB 3.0 Type A
串行端口	1 x RS-232/485	1 x RS-232/422/485
其他	2.0MP Camera Wi-Fi 802.11ac/a/b/g/n NFC LED Indicating Bar Touch Button for Power/ Brightness/ Volume	Wi-Fi 802.11a/b/g/n/ac/ax 1 x 2.0MP Camera 1 x LED Indicating Bar 1 x NFC 1 x Touch Button
显示芯片组	Mali-G52 GPU	Intel® UHD Graphics
显示分辨率	1280 x 800	1280 x 800
音频	1 x 3.5mm Combo Audio Jack 2 x 4Ω 2W Speakers	1 x 3.5mm Combo Audio Jack 2 x 4Ω 2W Speakers
以太网	Realtek RTL8211F	Realtek RTL8111I-CG
电源连接器	DC 12-24 VDC / Powered LAN 802.3at	DC 12-24 VDC / Powered LAN 802.3at
电源模式	AT	AT
适配器	Optional Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Optional Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
结构	White Plastic w/ Antibacterial	White Plastic w/ Antibacterial
尺寸	270 x 193 x 28 mm	270 x 193 x 28 mm
重量	1.1 kg	1.1 kg
认证	CE, FCC Class B	CE, FCC Class B
操作系统	Android 11, Debian 11	Windows 10/11 IoT, Ubuntu 24.04

通用平板电脑



产品型号	APC-15WR6	APC-21WR6	APC-24WR6	APC-32WR6
LCD 尺寸/ 显示类型	15.6"	21.5"	23.8"	32"
分辨率	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
亮度	250 cd/m ²	250 cd/m ²	300 cd/m ²	300 cd/m ²
对比度	700	3000	1000	1000
视角	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
背光	ELED	ELED	ELED	ELED
触摸屏信息	PCAP Multi-touch Up to 10 Points			
处理器	Rockchip RK3576S	Rockchip RK3576S	Rockchip RK3576S	Rockchip RK3576S
系统内存	Onboard 4GB LPDDR5	Onboard 4GB LPDDR5	Onboard 4GB LPDDR5	Onboard 4GB LPDDR5
扩展	N/A	N/A	N/A	N/A
存储	Onboard 64GB eMMC	Onboard 64GB eMMC	Onboard 64GB eMMC	Onboard 64GB eMMC
USB	1x USB 2.0 Type A 1x USB 3.0 Type A 1x USB Type C	1x USB 2.0 Type A 1x USB 3.0 Type A 1x USB Type C	1x USB 2.0 Type A 1x USB 3.0 Type A 1x USB Type C	1x USB 2.0 Type A 1x USB 3.0 Type A 1x USB Type C
音频	2 x 3W Speakers	2 x 3W Speakers	2 x 5W Speakers	2 x 5W Speakers
以太网	1x 10/100/1000 Mbps RJ45 LAN			
电源信息	DC 12VDC/ Powered LAN 802.3at	DC 12VDC/ Powered LAN 802.3bt	DC 12VDC/ Powered LAN 802.3bt	DC 12VDC/ Powered LAN 802.3bt
电源模式	AT/ ATX(AT is Default Setting)			
适配器	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 24W Adapter (12V @ 2A Adapter)	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 36W Adapter (12V @ 3A Adapter)	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 48W Adapter (12V @ 4A Adapter)	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
结构	Plastic, White	Plastic, White	Plastic, White	Plastic, White
尺寸	369.45 x 227 x 14.7 mm	506.97 x 305.47 x 27.7 mm	536.6 x 336.75 x 29 mm	378.5 x 228 x 47.2 mm
重量	2.1 kg	3.5 kg	3.82 kg	7.7 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)			
认证	CE, FCC	CE, FCC	CE, FCC	CE, FCC
操作系统	Android 14	Android 14	Android 14	Android 14



产品型号	RPC-15WM	RPC-15WL	RPC-15WT	RPC-15KD
LCD 尺寸/ 显示类型	15.6"	15.6"	15.6"	15.6"
分辨率	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
亮度	280 cd/m ²	280 cd/m ²	280 cd/m ²	400 cd/m ²
对比度	1000	1000	1000	1000
视角	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)
背光	ELED	ELED	ELED	ELED
触摸屏信息	PCAP Multi-touch Up to 10 Points			
处理器	Rockchip RK3576	Rockchip RK3576S	Rockchip RK3576S	Rockchip RK3576S
系统内存	Onboard 4GB LPDDR5	Onboard 4GB LPDDR5	Onboard 4GB LPDDR5	Onboard 4GB LPDDR5
扩展	1x Micro SD Optional Camera/ MSR/ NFC/ Scanner	N/A	N/A	N/A
存储	Onboard 64GB eMMC	Onboard 64GB eMMC	Onboard 64GB eMMC	Onboard 64GB eMMC
USB	2 x USB 2.0 Type A 1 x USB 3.0 Type A 1 x USB Type C	1 x USB 2.0 Type A 1 x USB 3.0 Type A 1 x USB Type C	1 x USB 2.0 Type A 1 x USB 3.0 Type A 1 x USB Type C	1 x USB 2.0 Type A 1 x USB 3.0 Type A 1 x USB Type C
串行端口	1 x RS232 1 x RJ11 1 x RJ12	N/A	N/A	N/A
音频	Quad Microphone 2 x 3W Speakers	Quad Microphone 2 x 3W Speakers	Quad Microphone 2 x 5W Speakers	2 x 3W Speakers
以太网	1 x 10/100/1000 Mbps RJ45 LAN			
电源信息	DC Jack +24VDC/ Powered LAN 802.3at	DC Jack +12 VDC/ Powered LAN 802.3at	DC Jack +12VDC/ Powered LAN 802.3at	DC Jack +12VDC/ Powered LAN 802.3at
电源模式	AT/ ATX(AT is Default Setting)			
适配器	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 72W Adapter (24V @ 3A Adapter)	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 24W Adapter (12V @ 2A Adapter)	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 24W Adapter (12V @ 2A Adapter)	Input: 100 ~ 240 Vac/ 50 ~ 60Hz Output: 24W Adapter (12V @ 2A Adapter)
结构	Plastic	Plastic	Plastic	Stainless Steel
尺寸	374.8 x 223.5 x 40.1 mm	365 x 220 x 173.9 mm	364.9 x 211.2 x 71.85 mm	378.5 x 228 x 47.2 mm
重量	2.3 kg	2.5 kg	1.7 kg	2.91 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)			
认证	CE, FCC	CE, FCC	CE, FCC	CE, FCC
操作系统	Android 15	Android 15	Android 15	Android 15

轻工业平板电脑



产品型号	APC-2132	APC-2138	APC-2146
LCD 尺寸	21.5"	21.5"	21.5"
显示类型	Full HD	Full HD	Full HD
分辨率	1920 x 1080	1920 x 1080	1920 x 1080
像素间距	0.248mm(H) x 0.248mm(V)	0.248mm(H) x 0.248mm(V)	0.248mm(H) x 0.248mm(V)
亮度	250 cd/m ²	250 cd/m ²	250 cd/m ²
对比度	1000	1000	1000
视角	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	14 ms	14 ms	14 ms
背光	LED	LED	LED
触摸屏信息	Projective Capacitive	Projective Capacitive	Projective Capacitive
透光率	≥ 85%	≥ 85%	≥ 85%
触摸控制器	USB Touch (EETI)	USB Touch (EETI)	USB Touch (ILITEK)
SBC	ARC-SKLU	EMX-TGLC	EMX-MTLP
处理器	Intel® Core™ i7/i5/i3/ Celeron Processor	Intel® Core™ i5/i3/ Celeron Processor	Intel® Core™ Ultra 5 Processor 125U
系统芯片	Intel® Skylake U SoC Integrated	Intel® Tigerlake U SoC Integrated	Intel® Meteor Lake U SoC Integrated
I/O 芯片	EC ITE IT8528E	EC ITE IT8528E	EC iTE IT5782VG
系统内存	1 x 260-Pin DDR4 2133MHz SO-DIMM Up to 16GB	2 x 260-pin DDR4 3200MHz SO-DIMM Up to 64GB	2 x 262-Pin DDR5 5600MHz SO-DIMM Socket Supports Up to 64GB
扩展	1 x Full Size (Support Half Size, Auto Switch for mSATA, USB, PCIe Signal)	1 x M.2 Type B 3042/3052/2242/2260/ 2280 1 x M.2 Key E 2230 Support Wi-Fi Module	1 x M.2 Type B 2242/3042/3052 1 x M.2 Key E 2230 Support Wi-Fi Module and CNVi 2 x M.2 Key M 2280 (PCIe x4) Slot for Storage NVMe SSD
存储	1 x 2.5" Drive Bay	1 x 2.5" Drive Bay	1 x 2.5" Drive Bay
USB	4 x USB 3.0, 2 x USB 2.0 (by IET Module)	3 x USB 3.1 Gen 2; 1 x USB 3.1 Gen 1	3 x USB 3.2 Gen2 (1 from Type C) 2 x USB 3.2 Gen1
串行端口	1 x RS-232/422/485, 1 x RS-232	2 x RS-232/422/485	N/A
显示芯片组	Intel® Skylake SoC Integrated Graphics Supports Dual Display	Intel® Tigerlake SoC Integrated Graphics Supports Dual Display	Intel® Xe LPG Graphics
音频	Realtek ALC888S Support 5.1-CH	RealTek ALC897	Realtek ALC888S
音频接口	1 x Line-out, 1 x Mic-in (by IET Module)	N/A	Support Line-out & Mic-in on rear I/O
以太网	1 x Intel® I210AT 1 x Intel® I219LM	1 x Intel® I219LM 1 x Intel® I225IT	1 x Intel® i226LM 2.5 Gigabit Ethernet Controller 1 x Intel® i226V 2.5 Gigabit Ethernet Controller
电源连接器	Lockable DC Jack, +12V ~ +26V	Lockable Mini Din 4-pin, +12V ~ +24V	Lockable DC Jack, +12V ~ +26V
电源模式	AT/ ATX	AT/ ATX	AT/ ATX
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 72W Adapter (19V @ 3.78A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 72W Adapter (19V @ 3.78A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (24V @ 3.75A Adapter)
结构(前/后)	Plastic-black	Plastic-black / White	Plastic-black / White
尺寸	539.6 x 342.6 x 45.5 mm	539.6 x 342.6 x 45.2 mm	539.6 x 342.6 x 45.2 mm
重量	6.3 kg	6.3 kg	6.3 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC, VCCI, UKCA
操作系统	Windows 7, Windows 8.1, Windows 10 IoT, Linux	Windows 10 IoT, Linux	Windows 11 IoT, Linux



产品型号	APC-2334	APC-2340	APC-2346
LCD 尺寸	23.8"	23.8"	23.8"
显示类型	Full HD	Full HD	Full HD
分辨率	1920 x 1080	1920 x 1080	1920 x 1080
像素间距	274.5 um (H) x 274.5 um (V)	274.5 um (H) x 274.5 um (V)	274.5 um (H) x 274.5 um (V)
亮度	250 cd/m ²	250 cd/m ²	250 cd/m ²
对比度	3000	3000	3000
视角	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	16 ms	16 ms	16 ms
背光	LED	LED	LED
触摸屏信息	Projective Capacitive	Projective Capacitive	Projective Capacitive
透光率	89%	89%	89%
触摸控制器	USB Touch (EETI)	USB Touch (EETI)	USB Touch (EETI)
SBC	EMX-KBLUP	EMX-ADLP	EMX-MTLP
处理器	Intel® Core™ i7/i5/i3/ Celeron Processor	12th/13th Gen Intel® Core™ i7/5/3/Celeron Processor	Intel® Core™ Ultra 5 Processor 125U
系统芯片	Intel® Kabylake U SoC Integrated	Intel® Alder Lake SoC	Intel® Meteor Lake U SoC Integrated
I/O 芯片	EC ITE IT8528E	EC ITE IT5782VG	EC ITE IT5782VG
系统内存	2 x 260-pin DDR4 2400MHz SO-DIMM Supports Up to 32GB	2 x 262-pin DDR5 4800 MHz SO-DIMM Supports Up to 64GB	2 x 262-Pin DDR5 5600MHz SO-DIMM Socket Supports Up to 64GB
扩展	1 x M.2 2230 1 x mPCIe with SATA or PCIe x1 mSATA	1 x M.2 Key B 3042/3052 for 4G/5G 1 x M.2 Key E 2230 Support Wi-Fi Module	1 x M.2 Type B 2242/3042/3052 1 x M.2 Key E 2230 Support Wi-Fi Module and CNVi 2 x M.2 Key M 2280 (PCIe x4) Slot for Storage NVMe SSD
存储	1 x 2.5" Drive Bay	1 x 2.5" Drive Bay 1 x M.2 Key M 2280 (PCI-e x4) Slot for Storage	1 x 2.5" Drive Bay
USB	4 x USB 3.0	2 x USB 3.2 Gen2, 2 x USB 3.0 Gen2	3 x USB 3.2 Gen2 (1 from Type C) 2 x USB 3.2 Gen1
串行端口	N/A	N/A	N/A
显示芯片组	Intel® Kabylake SoC Integrated Graphics Supports Dual Display	Intel® UHD Graphics for 12th Gen Intel® Processors	Intel® Xe LPG Graphics
音频	Realtek ALC888S Support 5.1-CH	Realtek ALC888S HD	Realtek ALC888S
音频接口	1 x Line-out, 1 x Mic-in	N/A	Support Line-out & Mic-in on rear I/O
以太网	1 x Intel® I210AT 1 x Intel® I219LM	1 x Intel® i226LM 1 x Intel® i219LM	1 x Intel® i226LM 2.5 Gigabit Ethernet Controller 1 x Intel® i226V 2.5 Gigabit Ethernet Controller
电源连接器	Lockable DC Jack, +12V ~ +24V	Lockable DC Jack, +12V ~ +24V	Lockable DC Jack, +12V ~ +24V
电源模式	AT/ ATX	AT/ ATX	AT/ ATX
适配器	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 72W Adapter (19V @ 3.78A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (24V @ 3.75A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (24V @ 3.75A Adapter)
结构(前/后)	Plastic-black	Plastic-black / White	Plastic-black / White
尺寸	592 x 382 x 49.5 mm	592 x 382 x 49.5 mm	592 x 382 x 49.5 mm
重量	7.2 kg	6.2 kg	6.2 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)
认证	CE, FCC Class B	CE, FCC Class B, VCCI	CE, FCC, VCCI, UKCA
操作系统	Windows 10 IoT, Linux	Windows 10 IoT, Linux	Windows 11 IoT, Linux

开放式平板电脑



产品型号	OFP-07W33	OFP-10W39	OFP-15W33
LCD 尺寸	7", 16:10	10.1", 16:10	15.6", 16:9
分辨率	1280 x 800	1280 x 800	1920 x 1080
亮度	300 cd/m ²	500 cd/m ²	220 cd/m ²
视角	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)
触摸屏信息	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
处理器	Onboard Intel® Celeron® N3350/J3455 SoC BGA Processor	Onboard Intel® Processor N97	Onboard Intel® Celeron® N3350/J3455 SoC BGA Processor
系统内存	4GB DDR3L Memory (Option Up to 8GB by One SO-DIMM Socket)	8GB DDR5 Memory (Option Up to 16GB)	4GB DDR3L Memory (Option Up to 16GB by Two SO-DIMM Socket)
无线	Option by Mini PCIe : 802.11 a/b/g/n/ac Wireless LAN and Bluetooth 4.0+	Option by M.2 Wi-Fi/ BT Module	Option by Mini PCIe : 802.11 a/b/g/n/ac Wireless LAN and Bluetooth 4.0+
存储	64GB mSATA by mPCIe Slot	Default with 128GB M.2 Key-M SSD	64GB mSATA by mPCIe Slot (Option for SATA interface 2.5" HDD/ SSD)
外部I/O连接器	2 x Intel® I210AT 4 x USB 3.0 1 x HDMI 1 x RS-232 1 x DC Jack	2 x Intel® I226AT 4 x USB 3.2 1 x HDMI 2 x DP 1 x Line-out, 1 x Mic-in 1 x DC Jack	2 x Intel® I210AT, 4 x USB 3.0 1 x RS-232/422/485 1 x DP++, 1 x DP, 1 x HDMI 1 x Line-out, 1 x Mic-in 1 x DC Jack, 1 x Phoenix Connector for DC in 1 x Phoenix Connector for Reset
内部I/O连接器	1 x RS-232/422/485 2 x USB2.0 1 x GPIO 1 x Full Size Mini-PCIe Support mSATA 1 x Half Size Mini-PCIe for Option Wi-Fi/ BT	N/A	4 x RS-232 (Optional) 4 x USB 2.0 (Optional) 1 x GPIO 1 x Full Size Mini PCI-e Support mSATA 1 x SIM Card Slot 1 x M.2 (2230) A-Key, Support Wi-Fi Module
电源信息	+12V ~ 26V DC in	+24V DC in	+12V ~ 24V DC in
电源模式	AT/ ATX (Default is AT Mode)	AT/ ATX (Default is AT Mode)	AT/ ATX (Default is AT Mode)
工作温度	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
工作湿度	0% ~ 90% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	0% ~ 90% Relative Humidity, Non-condensing
操作系统	Windows 10 IoT, Linux, x86 Android 8.1	Windows 10 IoT, Windows 11 IoT, Linux	Windows 10 IoT, Linux, x86 Android 8.1
尺寸	183.1 x 115.8 x 48.6 mm	244 x 229 x 38.8 mm	387 x 235 x 46 mm
重量	700 g	1.8 kg	2.5 kg
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A



产品型号	OFP-21W33	OFP-15W38	OFP-21W38
LCD 尺寸	21.5", 16:9	15.6", 16:9	21.5", 16:9
分辨率	1920 x 1080	1920 x 1080	1920 x 1080
亮度	250 cd/m ²	220 cd/m ²	250 cd/m ²
视角	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
触摸屏信息	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
处理器	Onboard Intel® Celeron® N3350/J3455 SoC BGA Processor	Onboard Tiger Lake U 11th Intel® Core™ SoC i7/i5/i3 BGA Processor or Celeron® BGA Processor	Onboard Tiger Lake U 11th Intel® Core™ SoC i7/i5/i3 BGA Processor or Celeron® BGA Processor
系统内存	4GB DDR3L Memory (Option Up to 16GB by Two SO-DIMM Socket)	4GB DDR4 Memory (Option Up to 64GB)	4GB DDR4 Memory (Option Up to 64GB)
无线	Option by Mini PCIe : 802.11 a/b/g/n/ac Wireless LAN and Bluetooth 4.0+	Option by M.2 Wi-Fi/ BT Module	Option by M.2 Wi-Fi/ BT Module
存储	64GB mSATA by mPCIe Slot (Option for SATA Interface 2.5" HDD/ SSD)	Default with 64GB M.2 (Option for SATA Interface 2.5" HDD/ SSD)	Default with 64GB M.2 (Option for SATA Interface 2.5" HDD/ SSD)
外部I/O连接器	2 x Intel® I210AT, 4 x USB 3.0 1 x RS-232/422/485 1 x DP++, 1 x DP, 1 x HDMI 1 x Line-out, 1 x Mic-in 1 x DC Jack, 1 x Phoenix Connector for DC in 1 x Phoenix Connector for Reset	3 x USB 3.1 Gen2, 1 x USB 3.1 Gen1 1 x RS-232 (Default)/422/485 1 x Intel® I225IT 2.5 GbE 1 x Intel® I219LM GbE PHY 2 x DP++ 1 x Line-out, 1 x Mic-in 1 x Mini Din 4-pin DC Jack 1 x Phoenix Connector for DC in 1 x Phoenix Connector for Reset	3 x USB 3.1 Gen2, 1 x USB 3.1 Gen1 1 x RS-232 (Default)/422/485 1 x Intel® I225IT 2.5 GbE 1 x Intel® I219LM GbE PHY 2 x DP++ 1 x Line-out, 1 x Mic-in 1 x Mini Din 4-pin DC Jack, 1 x Mini Din 4-pin DC Jack, 1 x Phoenix Connector for DC in 1 x Phoenix Connector for Reset
内部I/O连接器	4 x RS-232 (Optional) 4 x USB 2.0 (Optional) 1 x GPIO 1 x Full Size Mini PCI-e Support mSATA 1 x SIM Card Slot 1 x M.2 (2230) A-Key, Support Wi-Fi Module	1 x RS-232/422/485 (Optional) 3 x RS-232 (Optional) 4 x USB 2.0 (Optional) 1 x GPIO 1 x SIM Card Slot 1 x M.2 (2230) E-Key, Support Wi-Fi Module/ BT 1 x M.2 (2242) B-Key, Support Storage/ 5G Module	1 x RS-232/422/485 (Optional) 3 x RS-232 (Optional) 4 x USB 2.0 (Optional) 1 x GPIO 1 x SIM Card Slot 1 x M.2 (2230) E-Key, Support Wi-Fi Module/ BT 1 x M.2 (2242) B-Key, Support Storage/ 5G Module
电源信息	+12V ~ 24V DC in	DC in +12~24V	DC in +12~24V
电源模式	AT/ ATX (Default is AT Mode)	AT/ ATX (Default is AT Mode)	AT/ ATX (Default is AT Mode)
工作温度	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
工作湿度	0% ~ 90% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing
操作系统	Windows 10 IoT, Linux, x86 Android 8.1	Windows 10 IoT, Windows 11 IoT, Linux	Windows 10 IoT, Windows 11 IoT, Linux
尺寸	501.9 x 296.2 x 52.4 mm	387 x 235 x 48 mm	501.9 x 296.2 x 55 mm
重量	4.1 kg	2.9 kg	5.2 kg
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A

开放式平板电脑



产品型号	OFT-07WR2	OFT-10WR2	OFT-21WR2
LCD 尺寸	7"	10.1"	21.5"
分辨率	600 x 1024	800 x 1280	1920 x 1080
亮度	350 cd/m ²	350 cd/m ²	250 cd/m ²
视角	85 (U), 85 (D), 85 (L), 85 (R)	80 (U), 80 (D), 80 (L), 80 (R)	89 (U), 89 (D), 89 (L), 89 (R)
触摸屏信息	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
处理器	Rockchip RK3568	Rockchip RK3568	Rockchip RK3568
系统内存	Onboard 2GB DDR4	Onboard 2GB DDR4	Onboard 2GB DDR4
无线	Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac
存储	Onboard 32GB eMMC	Onboard 32GB eMMC	Onboard 32GB eMMC
外部I/O连接器	1 x 10/100/1000 RJ45 1 x DC Jack 1 x Headphone Jack 1 x HDMI 1.4 Out 1 x Reset 2 x USB 3.0 Type A	1 x 10/100/1000 RJ45 1 x DC Jack 1 x Headphone Jack 1 x HDMI 1.4 Out 1 x Reset 2 x USB 3.0 Type A	1 x 10/100/1000 RJ45 1 x DC Jack 1 x Headphone Jack 1 x HDMI 1.4 Out 1 x Reset 2 x USB 3.0 Type A
内部I/O连接器	1 x A-MIC 1 x DC Input 1 x 16-bit GPIO 1 x I ² C 1 x M.2 3042 B-Key 1 x RS-232 1 x RS-232 + RS-485 1 x RTC Battery 1 x Speaker 1 x Touch Button 1 x USB 2.0 + DMIC	1 x A-MIC 1 x DC Input 1 x 16-bit GPIO 1 x I ² C 1 x M.2 3042 B-Key 1 x RS-232 1 x RS-232 + RS-485 1 x RTC Battery 1 x Speaker 1 x Touch Button 1 x USB 2.0 + DMIC	1 x A-MIC 1 x DC Input 1 x 16-bit GPIO 1 x I ² C 1 x M.2 3042 B-Key 1 x RS-232 1 x RS-232 + RS-485 1 x RTC Battery 1 x Speaker 1 x Touch Button 1 x USB 2.0 + DMIC
电源信息	DC 12 ~ 24 V	DC 12 ~ 24 V	DC 12 ~ 24 V
电源模式	AT	AT	AT
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
工作湿度	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing
操作系统	Android 11/14, Debian 11	Android 11/14, Debian 11	Android 11/14, Debian 11
尺寸	190 x 130 x 31.8 mm	254 x 178 x 33.8 mm	515 x 322 x 44.9 mm
重量	0.5 kg	0.7 kg	3.6 kg
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A



产品型号	OFT-10W04	OFT-15W04	OFT-21W04
LCD 尺寸	10.1"	15.6"	21.5"
分辨率	800 x 1280	1920 x 1080	1920 x 1080
亮度	350 cd/m ²	220 cd/m ²	250 cd/m ²
视角	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
触摸屏信息	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
处理器	Intel® Celeron® J3455	Intel® Celeron® J3455	Intel® Celeron® J3455
系统内存	1 x 4GB 204 pin SO-DIMM DDR3L 8GB (Optional)	1 x 4GB 204 pin SO-DIMM DDR3L 8GB (Optional)	1 x 4GB 204 pin SO-DIMM DDR3L 8GB (Optional)
无线	Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac
存储	Onboard 32GB eMMC	Onboard 32GB eMMC	Onboard 32GB eMMC
外部I/O连接器	1 x DC Jack 1 x Headphone Jack 1 x HDMI 1.4 Out 1 x Reset 2 x USB 3.0 Type A	1 x DC Jack 1 x Headphone Jack 1 x HDMI 1.4 Out 1 x Reset 2 x USB 3.0 Type A	1 x DC Jack 1 x Headphone Jack 1 x HDMI 1.4 Out 1 x Reset 2 x USB 3.0 Type A
内部I/O连接器	1 x A-MIC 1 x DC Input 1 x 16-bit GPIO 1 x I ² C 1 x M.2 3042 B-Key 1 x Micro SIM Card Slot 1 x RS-232 1 x RS-422/485 1 x Micro SD Card Slot 1 x Speaker 1 x Touch Button 1 x USB 2.0 + DMIC	1 x A-MIC 1 x DC Input 1 x 16-bit GPIO 1 x I ² C 1 x M.2 3042 B-Key 1 x Micro SIM Card Slot 1 x RS-232 1 x RS-422/485 1 x Micro SD Card Slot 1 x Speaker 1 x Touch Button 1 x USB 2.0 + DMIC	1 x A-MIC 1 x DC Input 1 x 16-bit GPIO 1 x I ² C 1 x M.2 3042 B-Key 1 x Micro SIM Card Slot 1 x RS-232 1 x RS-422/485 1 x Micro SD Card Slot 1 x Speaker 1 x Touch Button 1 x USB 2.0 + DMIC
电源信息	DC 12V ~ 24V	DC 12V ~ 24V	DC 12V ~ 24V
电源模式	AT	AT	AT
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
工作湿度	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing
操作系统	Windows 10 IoT, Ubuntu 20.04	Windows 10 IoT, Ubuntu 20.04	Windows 10 IoT, Ubuntu 20.04
尺寸	254 x 178 x 41.6 mm	384 x 254 x 47.5 mm	515 x 322 x 53.7 mm
重量	1.28 kg	2.2 kg	4.3 kg
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A

开放式平板电脑

» 通用型



产品型号	OFT-07WR3	OFT-10WR3	OFT-15WR3
LCD 尺寸	7"	10.1"	15"
分辨率	800 x 400	800 x 1280	1024 x 768
亮度	500 cd/m ² / 1000 cd/m ²	500 cd/m ² / 1200 cd/m ²	500 cd/m ²
视角	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)	88 (U), 88 (D), 88 (L), 88 (R)
触摸屏信息	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
处理器	Rockchip RK3568J	Rockchip RK3568J	Rockchip RK3568J
系统内存	Onboard 4GB LPDDR4	Onboard 4GB LPDDR4	Onboard 4GB LPDDR4
无线	Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac	Wi-Fi 802.11 a/b/g/n/ac
存储	Onboard 64GB eMMC	Onboard 64GB eMMC	Onboard 64GB eMMC
外部I/O连接器	2 x 10/100/1000 RJ45 LAN 1 x DC Jack 1 x HDMI 2.0 Out 1 x Reset 1 x RS-232/422/485 DB9 2 x USB 3.0 Type A	2 x 10/100/1000 RJ45 LAN 1 x DC Jack 1 x HDMI 2.0 Out 1 x Reset 1 x RS-232/422/485 DB9 2 x USB 3.0 Type A	2 x 10/100/1000 RJ45 LAN 1 x DC Jack 1 x HDMI 2.0 Out 1 x Reset 1 x RS-232/422/485 DB9 2 x USB 3.0 Type A
内部I/O连接器	2 x CAN FD 1 x DC Input 1 x 16-bit GPIO 1 x I ² C 1 x M.2 3042 B-Key 2 x RS-232 1 x RS-485 1 x RTC Battery 1 x SIM Card Slot 1 x Speaker 1 x Touch Button 2 x USB 2.0	2 x CAN FD 1 x DC Input 1 x 16-bit GPIO 1 x I ² C 1 x M.2 3042 B-Key 2 x RS-232 1 x RS-485 1 x RTC Battery 1 x SIM Card Slot 1 x Speaker 1 x Touch Button 2 x USB 2.0	2 x CAN FD 1 x DC Input 1 x 16-bit GPIO 1 x I ² C 1 x M.2 3042 B-Key 2 x RS-232 1 x RS-485 1 x RTC Battery 1 x SIM Card Slot 1 x Speaker 1 x Touch Button 2 x USB 2.0
电源信息	DC 12V ~ 24V	DC 12V ~ 24V	DC 12V ~ 24V
电源模式	AT	AT	AT
工作温度	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
存储温度	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
工作湿度	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing
操作系统	Android 13/14, Debain 11	Android 13/14, Debain 11	Android 13/14, Debain 11
尺寸	192 x 131 x 39.4 mm	262 x 178 x 40.9 mm	515 x 322 x 60 mm
重量	0.69 kg	1.05 kg	2.3 kg
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A

» 通用型



OFT-07WAD	OFT-10WAD
7"	10.1"
800 x 1280	800 x 1280
350 cd/m ²	350 cd/m ²
87.5 (U), 87.5 (D), 87.5 (L), 87.5 (R)	87.5 (U), 87.5 (D), 87.5 (L), 87.5 (R)
PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
Intel N50 / Intel N150	Intel N50 / Intel N150
Onboard 8GB LPDDR5 16GB (Optional)	Onboard 8GB LPDDR5 16GB (Optional)
Wi-Fi 802.11 a/b/g/n/ac/ax	Wi-Fi 802.11 a/b/g/n/ac/ax
64GB eMMC 32/ 128GB (Optional)	64GB eMMC 32/ 128GB (Optional)
1 x 10/100/1000 RJ45 LAN 1 x Audio Jack TRS 1 x DC Jack 1 x HDMI 2.0 Out 1 x Reset 2 x USB 3.0 Type A	1 x 10/100/1000 RJ45 LAN 1 x Audio Jack TRS 1 x DC Jack 1 x HDMI 2.0 Out 1 x Reset 2 x USB 3.0 Type A
1 x A-MIC 1 x 16-bit GPIO 1 x I ² C 1 x Micro SD slot 1 x RS-232 + RS-485 1 x RTC Battery 1 x Speaker 1 x Touch Button 1 x USB 2.0 1 x USB 2.0 + DMIC	1 x A-MIC 1 x 16-bit GPIO 1 x I ² C 1 x Micro SD Slot 1 x RS-232 + RS-485 1 x RTC Battery 1 x Speaker 1 x Touch Button 1 x USB 2.0 1 x USB 2.0 + DMIC
DC 12V ~ 24V	DC 12V ~ 24V
AT	AT
0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing
Windows 10 IoT Windows 11 IoT (w/ TPM) Ubuntu 24.04	Windows 10 IoT Windows 11 IoT (w/ TPM) Ubuntu 24.04
183.1 x 115.9 x 24.3 mm	252 x 166 x 38 mm
0.4 kg	0.64 kg
CE, FCC Class A	CE, FCC Class A

产品型号	FTC-05WN	FTC-07WN
LCD 尺寸	5.0"	7.0"
分辨率	800 x 480	800 x 480
亮度	800 cd/m ²	800 cd/m ²
视角	80 (U), 80 (D), 80 (L), 80 (R)	80 (U), 80 (D), 80 (L), 80 (R)
触摸屏信息	Projective Capacitive Touch Panel	Projective Capacitive Touch Panel
处理器	SMT32H7	SMT32H7
系统内存	32MB (RAM) 256MB (ROM)	32MB (RAM) 256MB (ROM)
无线	Wi-Fi 802.11 b/g/n	Wi-Fi 802.11 b/g/n
存储	NA	NA
外部I/O连接器	1 x RS-485 1 x SD Card Slot	1 x RS-485 1 x CAN Bus 1 x Ethernet 1 x SD Card Slot
内部I/O连接器	NA	NA
电源信息	DC 12V ~ 24V	DC 12V ~ 24V
电源模式	AT	AT
工作温度	-15 ~ 65°C (-5 ~ 181°F)	-15 ~ 65°C (-5 ~ 181°F)
存储温度	-30 ~ 80°C (-22 ~ 176°F)	-30 ~ 80°C (-22 ~ 176°F)
工作湿度	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing
操作系统	Non-OS	Non-OS
尺寸	133.7 x 85 x 1.58 mm	184 x 107 x 1.56 mm
重量	164 g	276 g
认证	CE Class A	CE Class A

» 开放式显示屏



产品型号	OFM-10W00	OFM-15W00	OFM-21W00	ARC-10W00
LCD 尺寸	10.1", 16:10	15.6", 16:9	21.5", 16:9	10.1"
显示类型	WXGA	Full HD	Full HD	WXGA
分辨率	1280 x 800	1920 x 1080	1920 x 1080	1280 x 800
像素间距	0.1695 x 0.1695 mm	0.17925 (H) x 0.17925 (V)	0.24795 (H) x 0.24795 (V)	0.1695 x 0.1695 mm
亮度	500 cd/m ²	220 cd/m ²	250 cd/m ²	350 cd/m ²
对比度	800	800	2000	800
视角	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)
响应时间	29 ms	30 ms	35 ms	25 ms
背光	LED	LED	LED	LED
触摸屏信息	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points	PCAP Multi-touch Up to 10 Points
透光率	86%	89 %	89 %	88%
触摸控制器	USB Type (EETI)	USB Type (EETI)	USB Type (EETI)	USB Type
输入连接器	HDMI, VGA, USB Type B for Touch Function	HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys	HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys	HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys, Line in
电源连接器	DC Jack	DC Jack (Option for Phoenix Connector)	DC Jack (Option for Phoenix Connector)	DC Jack (Option for Phoenix Connector)
电源模式	+9V ~ 36V DC in	+12V DC in (Option for 9V ~ 36V DC in)	+12V DC in (Option for 9V ~ 36V DC in)	+12V DC in (Option for 9V ~ 36V DC in)
适配器	By option	By option	By option	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
结构(前/后)	Metal	Metal	Metal	Full Flat Die Casting with Cover Lens/ Metal Default with Panel Mount Kits
可选功能	N/A	Support Wi-Fi 6 Media Server Function Bi-direction Image Transfer and USB Signal Available Panel Mount Kits, Wall Mount Kits by option	Support Wi-Fi 6 Media Server Function Bi-direction Image Transfer and USB Signal Available Panel Mount Kits, Wall Mount Kits by option	Support Wi-Fi 6 Media Server Function Bi-direction Image Transfer and USB Signal
尺寸	244 x 229 x 38.8mm	387 x 235 x 46 mm	501.9 x 294.2 x 53.4 mm	282.36 x 201 x 61.4 mm
重量	1.8kg	2.5 kg	4.1 kg	2 kg
工作温度	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)	-10°C ~ 50°C (14°F ~ 122°F)
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)

» 加固型工业显示屏



ARC-1200	ARC-1500	ARC-15W00	ARC-1700	ARC-18W00	ARC-21W00
12.1"	15"	15.6"	17"	18.5"	21.5"
XGA	XGA	WXGA	SXGA	WXGA	FHD
1024 x 768	1024 x 768	1366 x 768 (Optional for 1920 x 1080)	1280 x 1024	1366 x 768 (Optional for 1920 x 1080)	1920 x 1080
0.240 x 0.240 mm	0.297 x 0.297 mm	0.252 x 0.252 mm	0.264 x 0.264 mm	0.1 x 0.3 mm	0.24795 x 0.24795
600 cd/m ²	300 cd/m ²	300 cd/m ²	350 cd/m ²	500 cd/m ²	250 cd/m ²
1000	2000	500	800	1000	3000
88 (U), 88 (D), 88 (L), 88 (R)	88 (U), 88 (D), 88 (L), 88 (R)	80 (U), 80 (D), 80 (L), 80 (R)	60 (U), 88 (D), 88 (L), 88 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
11 ms	16 ms	8 ms	30 ms	25 ms	25 ms
LED					
PCAP Multi-touch Up to 10 Points					
88%					
USB Type					
HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys, Line in					
DC Jack (Option for Phoenix Connector)					
+12V DC in (Option for 9V ~ 36V DC in)					
Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)					
Full Flat Die Casting with Cover Lens/ Metal Default with Panel Mount Kits					
Support Wi-Fi 6 Media Server Function Bi-direction Image Transfer and USB Signal					
293.77 x 226.31 x 61.5 mm	350.5 x 274.5 x 63.5 mm	391.21 x 239.21 x 68 mm	392.72 x 325.32 x 70.25 mm	460.40 x 285.60 x 66 mm	538.05 x 341.05 x 71 mm
2.5 kg	3.7 kg	3.2 kg	4.6 kg	5.1 kg	5.9 kg
-10°C ~ 50°C (14°F ~ 122°F) Option -20°C ~ 70°C	-10°C ~ 50°C (14°F ~ 122°F) Option -20°C ~ 70°C	-10°C ~ 50°C (14°F ~ 122°F) Option -10°C ~ 60°C	-10°C ~ 50°C (14°F ~ 122°F) Option -20°C ~ 70°C	-10°C ~ 50°C (14°F ~ 122°F)	-10°C ~ 50°C (14°F ~ 122°F)
-20°C ~ 60°C (-4°F~140°F) Option -30°C ~ 70°C	-20°C ~ 60°C (-4°F~140°F) Option -30°C ~ 70°C	-20°C ~ 60°C (-4°F~140°F) Option -30°C ~ 70°C	-20°C ~ 60°C (-4°F~140°F), Option -30°C ~ 70°C	-20°C ~ 60°C (-4°F~140°F)	-20°C ~ 60°C (-4°F~140°F)

触摸屏套件



产品型号	PCC-LPC-AB08-R	PCC-FPC-AB08-R	PCC-FPC-AB10-R	PCC-ARC-AB12-R
LCD 尺寸	8", 4:3	8", 16:9	10.1", 16:9	12.1", 4:3
显示类型	SVGA	WVGA	WSVGA	XGA
LED 驱动板	Panel Built-in	External Board	Panel Built-in	Panel Built-in
分辨率	800 x 600	1024 x 600	1024 x 600	1024 x 768
像素间距	0.0675 mm (H) x 0.2025 mm (V)	0.1725 mm (W) x 0.1656 mm (H)	0.2175 mm (W) x 0.2088 mm (H)	0.240 mm (H) x 0.240 mm (V)
亮度	500	500	350	600
对比度	500	700	500	1000
视角	50 (U), 70 (D), 70 (L), 70 (R)	70 (U), 75 (D), 75 (L), 75 (R)	70 (U), 70 (D), 70 (L), 70 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	25 ms	20 ms	16 ms	11 ms
透光率	80%	80%	80%	80%
触摸控制器	EETI	EETI	EETI	EETI
触摸屏信息	5W	5W	5W	5W
显示类型	LVDS	LVDS	LVDS	LVDS
工作温度	-10°C ~ 70°C	-10°C ~ 70°C	0°C ~ 50°C	-10°C ~ 70°C



产品型号	PCC-PPC-AB15-R	PCC-SPC-AB17-R	PCC-PPC-AB21-R
LCD 尺寸	15", 4:3	17", 4:3	21.5", 16:9
显示类型	XGA	SXGA	FHD
LED 驱动板	Panel Built-in	Panel Built-in	External Board
分辨率	1024 x 768	1280 x 1024	1920 x 1080
像素间距	0.297 mm (H) x 0.297 mm (V)	0.264 mm (H) x 0.264 mm (V)	0.248 mm (H) x 0.248 mm (V)
亮度	300	350	250
对比度	2000	800	3000
视角	88 (U), 88 (D), 88 (L), 88 (R)	80 (U), 80 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	16 ms	30 ms	18 ms
透光率	80%	80%	80%
触摸控制器	EETI	EETI	EETI
触摸屏信息	5W	5W	5W
显示类型	LVDS	LVDS	LVDS
工作温度	-10°C ~ 70°C	-10°C ~ 70°C	0°C ~ 50°C



产品型号	PCC-OFP-AB07-C	PCC-ARC-AB10-C	PCC-ARC-AB12-C	PCC-ARC-AB15-C
LCD 尺寸	7", 16:10	10.1" 16:10	12.1", 4:3	15", 4:3
显示类型	WXGA	WXGA	XGA	XGA
LED 驱动板	Panel Built-in	Panel Built-in	Panel Built-in	Panel Built-in
分辨率	1280 x 800	1280 x 800	1024 x 768	1024 x 768
像素间距	0.03925 (H) x 0.11775 (V)	0.1695 mm (H) x 0.1695 mm (V)	0.240 mm (H) x 0.240 mm (V)	0.297 mm (H) x 0.297 mm (V)
亮度	300	350	600	300
对比度	900	800	1000	2000
视角	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	88 (U), 88 (D), 88 (L), 88 (R)
响应时间	30 ms	25 ms	11 ms	16 ms
透光率	89%	88%	89%	89%
触摸控制器	EETI	EETI	EETI	ILITEK
触摸屏信息	PCAP	PCAP	PCAP	PCAP
显示类型	LVDS	LVDS	LVDS	LVDS
工作温度	-20°C ~ 70°C	-10°C ~ 50°C	-20°C ~ 70°C	-10°C ~ 70°C



产品型号	PCC-ARC-AB15-C	PCC-ARC-AB15-C	PCC-ARC-AB17-C	PCC-ARC-AB21-C	PCC-APC-AB23-C
LCD 尺寸	15.6", 16:9	15.6", 16:9	17", 4:3	21.5", 16:9	23.8", 16:9
显示类型	WXGA	FHD	SXGA	FHD	FHD
LED 驱动板	Panel Built-in	Panel Built-in	Panel Built-in	External Board	External Board
分辨率	1366 x 768	1920 x 1080	1280 x 1024	1920 x 1080	1920 x 1080
像素间距	0.252 mm (H) x 0.252 mm (V)	0.17925 (H) x 0.17925 (V)	0.264 mm (H) x 0.264 mm (V)	0.24795 mm (H) x 0.24795 mm (V)	0.2745 mm (H) x 0.2745 mm (V)
亮度	300	450	350	250	250
对比度	500	800	800	3000	1000
视角	80 (U), 80 (D), 80 (L), 80 (R)	85 (U), 85 (D), 85 (L), 85 (R)	60 (U), 80 (D), 80 (L), 80 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	8 ms	13 ms	30 ms	20 ms	16 ms
透光率	89%	85%	89%	89%	85%
触摸控制器	WEIDA	WEIDA	EETI	EETI	EETI
触摸屏信息	PCAP	PCAP	PCAP	PCAP	PCAP
显示类型	LVDS	LVDS	LVDS	LVDS	LVDS
工作温度	0°C ~ 60°C	-20°C ~ 70°C	-20°C ~ 70°C	0°C ~ 50°C	0°C ~ 50°C

全面的智慧医疗解决方案，涵盖高性能AI边缘计算系统与影像网关。配合精密医疗显示器、移动平板电脑及IP65防护等级的英特尔平板电脑，安勤产品线可显著提升数字医疗的效率与可靠性。



智慧医疗

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移动平板电脑



CAXA0-DC CAXA0 Desktop Cradle

- Desktop Cradle for CAXA0
- +19V DC Input
- Support 3 x USB2.0/ 1 x 10/100 LAN
- 180 x 198.2 x 129.2 mm
- 1.05 kg



CAXA0-WM CAXA0 Wall Mount kit

- Wall Mount Kit for CAXA0
- +19V DC Input
- Support 3 x USB2.0/ 1 x 10/100 LAN
- VESA Mount Compliant (75 x 75 mm)
- 143.6 x 218.8 x 48.6 mm
- 0.58 kg



CAXA0-CS CAXA0 Battery Charging Station

- Battery Charging Station for CAXA0
- +19V DC Input
- Support 3 Batteries Charging
- 159 x 105 x 57.9 mm
- 0.62 Kg



CAXA0-SS CAXA0 Shoulder Strap

- Shoulder Strap for CAXA0
- Adjustable Shoulder Strap with 130 cm Drop



CAXA0-HS CAXA0 Hand Strap

- Hand Strap for CAXA0

产品型号	CAXA0
处理器	Intel® Celeron® N3350 1.1GHz Processor
系统内存	Onboard 4GB LPDDR4
存储	64GB M.2 Solid State Drive (Option Up to 128GB)
操作系统	Windows 10/ Android 8.1
LCD尺寸	10.1", WXGA
分辨率	1280 x 800
亮度	300 cd/m ²
触摸屏	10 Points Projective Capacitive
无线局域网	802.11 a/b/g/n/ac
蓝牙	Bluetooth 5.0
摄像头	2MP Front Camera 8MP Rear Camera With Auto Focus
NFC	ISO/ IEC 14443 A/B, 15693/ 18092, NFCIP-1, NFCIP-2 Support MIFARE and Felica
条形码扫描仪	1D/2D Barcode Scanner (Optional)
下侧I/O连接器	1 x Audio Jack 2 x USB 2.0 Type A 1 x Micro SD 1 x DC Jack 1 x HDMI Output
控制按钮	1 x Power Button 1 x Barcode Scanner Trigger
LED 指示灯	1 x Power
电源信息	DC Jack +19V
电池	28.44W Li-Polymer Battery
电池工作时间	6 Hours
结构	Rubber + Plastic
尺寸	281 x 193.3 x 19.95 mm
重量	1 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)
防护等级	Front IP65
认证	CE, FCC, VCCI, CCC, BSMI, EN60601-1, EN60601-1-2

医疗平板电脑



产品型号	HID-2340	HID-2334	HID-2146
LCD 尺寸	23.8"	23.8"	21.5"
显示类型	Full HD	Full HD	Full HD
分辨率	1920 x 1080	1920 x 1080	1920 x 1080
像素间距	0.274 x 0.274	0.274 x 0.274	0.248 x 0.248
亮度	250 cd/m ²	250 cd/m ²	250 cd/m ²
对比度	3000	3000	1000
视角	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	16 ms	16 ms	22 ms
背光	LED	LED	LED
触摸屏信息	Projective Capacitive	Projective Capacitive	Projective Capacitive
透光率	86%	86%	89%
触摸控制器	USB Interface, EETI	USB Interface, EETI	USB Interface, EETI
SBC	HID-2340 Motherboard	HID-2334 M/B + Charger Board	HID-2146
处理器	Socketed FCLGA1700 Intel® 13th Gen Core™ i7/i5/i3 Processor	7th Generation Intel® Kaby Lake Core™ i7/i5/i3/ Celeron® Processor	Arrow Lake U Core Ultra 5/7 Processor
I/O 芯片	EC ITE IT5782VG	EC ITE IT8518E	EC ITE IT5782VG
系统内存	1 x 262-pin DDR5 4800MHz SO-DIMM Socket Up to 32GB Max (Min 8GB)	2 x 260pin SODIMM Socket Up to 32GB DDR4 2400 SDRAM	2 x 262-pin DDR5 Up to 5600MHz SO-DIMM Socket Up to 96GB Max
扩展	Optional M.2 Key B 3042/3052/2280 x 1 Optional M.2 Key E for Wi-Fi x 1 Optional IET Expansion x 1	1 x M.2 (Key E, 2230) with PCIe x1 CNVI and USB2.0 for Wireless 1 x mini PCIe with SATA or PCIe1, mSATA	1 x M.2 Key E 2230 for Wi-Fi (1x PCIe x1 & USB 2.0 Signal) 1 x M.2 Key B 2280 for AI card (PCIe x 2) 2 x M.2 Key M 2280 (PCIe x4) for storage NVMe SSD 1 x PCIe x4 Gen4 Slot
存储	1 x M.2 Key M Storage (Optional) 1 x 2.5" SSD (Optional)	1 x 2.5" SATA3 SSD (Optional)	2 x M.2 Key M Storage (Optional)
USB	1 x USB 2.0, 3 x USB 3.0 1 x USB Type C, 1 x USB 1.1 (Isolated 5KV)	4 x USB 3.0	2 x USB 3.2, 4 x USB 2.0 1 x USB Type C 2 x USB 2.0 (Isolated 5KV Optional)
串行端口	1 x RS-232/422/485 1 x RS-232 (Isolated 5KV)	N/A	1 x RS-232/422/485 1 x RS-232 (Isolated 5KV Optional)
其他	Optional 5.0M AF Camera Optional Barcode Scanner Optional NFC, Optional IET Board Optional Capture Card, Optional Wi-Fi/ BT	Optional Hot Swappable Batteries and 4 Slot Charging Bay Optional 5.0M Auto Focus Camera with Cover Optional Wi-Fi/ BT	Optional RFID, Optional Wi-Fi/ BT Optional Camera, Optional Soundbar Optional MIC, Optional Isolation IET Optional PCIe Cards Optional Backup Battery
显示芯片组	Intel® 13th Generation CPU Integrated	Intel® HD Graphics 620	CPU Integrated
音频	Realtek ALC888S	Realtek ALC888S	Realtek ALC888S
音频接口	Line-out, Mic-in, 2 x 2W Speaker	Line-out, Mic-in, 2 x 2W Speaker	Line-out, Mic-in, 2 x 2W Speaker
以太网	1 x Intel® I225LM Gigabit Ethernet 1 x Intel® I226LM Gigabit Ethernet	1 x Intel® I210AT, 1 x Intel® I219LM	1 x Intel® i226LM
适配器	AC/ DC Medical Power Adapter Output: 120W Adapter (24V/ 5A Adapter)	AC/ DC Medical Power Adapter Output: 120W Adapter (24V/ 5A Adapter)	AC/ DC Medical Power Adapter
结构(前/后)	Plastic, Plastic	Plastic, Plastic	Plastic, Plastic
尺寸	592 x 382 x 49.5mm	380 x 587 x 45.5mm	510 x 321 x 55mm
重量	6.0 kg	6.9 kg (without Batteries)	5.4 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-10°C ~ 60°C (14°F ~ 140°F)	-30°C ~ 70°C (-22°F ~ 158°F)	-20°C ~ 60°C (-4°F ~ 140°F)
认证	CE, FCC Class B, UL60601-1	CE, FCC Class B, UL60601-1 14th Edition	CE, FCC Class B, UL60601-1
操作系统	Win 10/ 11, Linux	Win 10, Linux	Win 11, Linux



HID-2138	HID-2132	HID-1540	HID-1337
21.5"	21.5"	15.6"	13.3"
Full HD	Full HD	Full HD	Full HD
1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
0.248 x 0.248	0.248 x 0.248	0.179 x 0.179	0.153 x 0.153
250 cd/m ²	250 cd/m ²	500 cd/m ²	300 cd/m ²
1000	1000	1000	600
89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
22 ms	22 ms	25 ms	27 ms
LED	LED	LED	LED
Projective Capacitive	Projective Capacitive	Projective Capacitive	Projective Capacitive
89%	89%	89%	85%
USB Interface, EETI	USB Interface, EETI	USB Interface, EETI	USB Interface, EETI
HID TGLP Motherboard	ARC-SKLU	HID-2340 Motherboard	HID-1337 Motherboard
11th Gen Intel® Core™ i7/i5/i3/Celeron Processor	8th Gen Intel® Core™ i7/5/3/ Celeron Processor	Socketed FCLGA1700 Intel® 12th/13th Gen Core™ i7/i5/i3 Processor	Intel® Alder Lake-N Processor
EC ITE IT8528E	EC ITE IT8528E	EC ITE IT5782VG	EC ITE IT5782VG
2 x 260-pin DDR4 3200 MHz SO-DIMM Socket Up to 64GB Max	1 x 260pin SODIMM Socket Up to 16GB DDR4 2133 SDRAM	1 x 262-pin DDR5 4800MHz SO-DIMM Socket Up to 32GB Max (Min 8GB)	1 x 262-pin DDR5 4800MHz SO-DIMM Socket Up to 16GB
Optional PCIe Low Profile Card x 1 Optional M.2 Storage x 1 Optional M.2 5G Module x 1	1 x Full Size (Support Half Size, Auto Switch for mSATA, USB, PCIe Signal) Optional IET Expansion x 1	Optional M.2 Key B 3042/3052/2280 x 1 Optional M.2 Key E for Wi-Fi x 1	Optional M.2 (Key-B, 2242/3042/3052, SATA only) x 1 Optional M.2 (Key-E, 2230, PCIe1x1, USB2.0) x 1
1 x M.2 Key-B 2242/3042/2260 for Storage	1 x 2.5" SATA3 SSD (Optional)	1 x M.2 Key M Storage (Optional)	1 x M.2 Key-B 2242/3042/3052 for M.2 SATAIII SSD (Optional)
2 x USB 2.0 2 x USB Type C	4 x USB 3.0, 2 x USB 2.0 by Pin Header 1 x USB 2.0 (Isolated 5KV)	1 x USB 2.0 3 x USB 3.0 1 x USB Type C	4 x USB 3.2 at Bottom, 2 x USB 3.2 at Side 1 x USB Type C (PD Output 5V/3A 15W, USB, Display Function)
Optional	1 x RS-232/422/485, 1 x RS-232 1 x RS-232 (Isolated 5KV)	1 x RS-232/422/485	1 x RS-232/422/485
Optional 5.0M AF Camera Optional Barcode Scanner Optional NFC, Optional Wi-Fi/ BT Optional Handset	Optional 5.0M AF Camera Optional Barcode Scanner Optional Wi-Fi/ BT, Optional NFC Optional Handset	Default with Programable LED Light Bar Optional 5.0M AF Camera Optional NFC Optional Wi-Fi/ BT	Default with Programable LED Light Bar Optional RFID Optional Wi-Fi/ BT
Intel® 11th Generation CPU Integrated	Intel® HD Graphics 520	Intel® 12th Generation CPU Integrated	Intel® 12th Generation CPU Integrated
Realtek ALC888S	Realtek ALC888S	Realtek ALC888S	Realtek ALC888S
Line-out, Mic-in, 2 x 2W Speaker	2 x 2W	Line-out, Mic-in, 2 x 5W Speaker	2 x 5W Speaker
1 x Intel® I219LM Gigabit Ethernet PHY 1 x Intel® I226LM Gigabit Ethernet PHY	1 x Intel® I219LM, 1 x Intel® I210AT 1 x Intel® I210AT (Isolated 5KV) on IET Module	1 x Intel® I225LM Gigabit Ethernet 1 x Intel® I226LM Gigabit Ethernet	2 x Intel® I226LM 2.5 Gigabit Ethernet
AC/ DC Medical Power Adapter Output: 90W Adapter (19V/ 4.73A Adapter)	AC/ DC Medical Power Adapter Output: 90W Adapter (19V/ 4.74A Adapter)	AC/ DC Medical Power Adapter Output: 120W Adapter (24V/5A Adapter)	AC/ DC Medical Power Adapter Output: 72W Adapter (24V/3A Adapter)
Plastic, Plastic	Plastic, Plastic	Plastic, Plastic	Plastic, Plastic
539.6 x 342.6 x 45.4 mm	539.6 x 342.6 x 45.2 mm	400 x 263 x 42.5 mm	198 x 325 x 38 mm
4.8 kg	5.6 kg	2.3 kg	1.8 kg
0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
-10°C ~ 60°C (14°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)	-10°C ~ 60°C (14°F ~ 140°F)
CE, FCC Class B, UL60601-1	CE, FCC Class B, UL60601-1 4th Edition	CE, FCC Class B, UL60601-1	CE, FCC Class B, UL60601-1
Win 10, Linux	Win 7/ 10, Linux	Win 10/ 11, Linux	Win 10/ 11, Linux

医疗显示器



产品型号	HID-2100	RCC-MS-GMD23G-01R	RCC-MS-GMD23T-01R
LCD 尺寸	21.5"	23.8"	23.8"
显示类型	Full HD	Full HD	Full HD
分辨率	1920 x 1080	1920 x 1080	1920 x 1080
像素间距	0.248 x 0.248	0.2745 x 0.2745	0.2745 x 0.2745
亮度	250 cd/m ²	230 cd/m ² with AR Glass	210 cd/m ² PCAP with AG
对比度	1000	3000	3000
视角	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	22 ms	16ms	16ms
背光	LED	LED	LED
触摸屏信息	Projective Capacitive	N/A	Projective Capacitive
透光率	89%	95%	89%
校准模式/DICOM/ASL	N/A	N/A	N/A
数字输入	N/A	Standard DVI connector	Standard DVI connector
模拟输入	N/A	Video: 0.7Vpp/75 ohm, Sync: Separate TTL level. Composite Sync or sync on green, Hor: 30~92KHz, Ver: 50~85Hz	
兼容数字模拟	N/A	DVI, Up to VESA FHD 1920 x 1080, VESA 1280 x 1024 @75/60Hz, VESA 1024 x 768@75/70/60Hz, VESA 800 x 600 @75/72/60/56Hz, VESA 640 x 480@75/72/60Hz, Super VGA, VGA, Mac 832 x 624@75Hz, Power Mac and more.	
信号输入接口	HDMI, DP, VGA	VGA, DVI, HDMI & Display Port, Audio (Optional)	
电源连接器	Lockable DC in 24V	DC in 24V	
音频接口	Line-out, Mic-in, 2 x 2W Speaker	0.5W Speaker x 2 (Option)	
色彩模式	N/A	Color Temperature: Cool/Neutral/Warm/User Gamma: 1.8/2.0/2.2/2.4/Linear	
其他	DC out 24V (30W)	N/A	
适配器	AC/ DC Power Adapter Output: 120W Adapter (24V/ 5A Adapter)	AC/DC Adapter Input: 100~250Vac, 0.6A, 60/50Hz Universal Output: 24V, 3.75A 90W	
结构(前/后)	Plastic, Plastic	Plastic	
防护等级	Front IP65	IPX1 Whole Unit	
尺寸	539.6 x 342.6 x 45.5 mm	587.0 x 367.5 x 59.5 mm	
重量	5.3 kg	6.8 kg	
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	
认证	CE, FCC Class B	cTUVus (ANSI/AAMI ES60601-1:2005+A1, CAN/CSA C22.2 NO.60601-1:14) FCC Class B CE (IEC/EN60601-1:ed3.1/IEC/EN60601-1-2)	



RCC-MS-GMD27G-01R	RCC-MS-GMD27T-01R	RCC-MS-GMD27G-03R	RCC-MS-GMD27T-03R
27"	27"	27"	27"
Full HD	Full HD	4K	4K
1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160
0.3114 x 0.3114	0.3114 x 0.3114	0.15525 x 0.15525	0.15525 x 0.15525
930 cd/m ² with AR Glass	850 cd/m ² PCAP with AG	740cd/m ² with AR Glass	700 cd/m ² PCAP with AG
1000	1000	1000	1000
89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
14ms	14ms	16ms	16ms
LED	LED	LED	LED
N/A	Projective Capacitive	N/A	Projective Capacitive
95%	89%	95%	89%
Communication Protocol is Ready to Calibrate the Monitor through, USB Ambient Light 0/0.5/1/1.5/2/2.5/3 nits, ASL		Communication Protocol is Ready to Calibrate the Monitor through, USB Ambient Light 0/0.5/1/1.5/2/2.5/3 nits, ASL	
Standard DVI Connector		Standard DVI & DisplayPort	
Video: 0.7 Vpp/75 ohm, Sync: Separate TTL Level. Composite Sync or Sync on Green, Hor: 30~92KHz, Ver: 50~85Hz		Video: 0.7Vpp/75 ohm, Sync: Separate TTL level. Composite Sync or Sync on Green, Hor: 30~92KHz, Ver: 50~85Hz	
DVI, Up to VESA FHD 1920 x 1080, VESA 1280 x 1024 @ 75/60Hz, VESA 1024 x 768 @ 75/70/60Hz, VESA 800 x 600 @ 75/72/60/56Hz, VESA 640 x 480 @ 75/72/60Hz, Super VGA, VGA, Mac 832 x 624 @ 75Hz, Power Mac and More.		Up to VESA UHD 3840 x 2160, QHD 2560 x 1440, FHD 1920 x 1080, VESA 1280 x 1024 @ 75/60Hz, VESA 1024 x 768 @ 75/70/60Hz, VESA 800 x 600 @ 75/72/60/56Hz, VESA 640 x 480 @ 75/72/60Hz, Super VGA, VGA, Mac 832 x 624 @ 75Hz, Power Mac and More.	
VGA, DVI, HDMI & Display Port, Audio (Optional)		DVI (HDMI 1.4), HDMI (HDMI 2.0), Display Port (Display Port 1.2a), VGA & USB HUB/Calibration.	
DC in 24V		DC in 24V	
2W Speaker x 2 (Option)		2W Speaker x 2 (Option)	
Color Temperature: Cool/Neutral/Warm/User Gamma: 1.8/2.0/2.2/2.4/Linear		Color Temperature: Cool/Neutral/Warm/User Gamma: 1.8/2.0/2.2/2.4/Linear	
DIN6868-157		DIN6868-157 BT 709/ BT 1886/ BT 2020 Supported by 3D LUT (option)	
AC/DC Adapter Input: 100~250Vac, 0.6A, 60/50Hz Universal Output: 24V, 3.75A 90W		AC/DC Adapter Input: 100~250Vac, 0.6A, 60/50Hz Universal Output: 24V, 6.25A 150W	
Plastic		Plastic	
IPX1 Whole Unit		IPX1 Whole Unit	
660.2 x 408.8 x 65.8 mm		660.2 x 408.76 x 52.9 mm	
8 Kg		7.5 Kg	
0°C ~ 40°C (32°F ~ 104°F)		0°C ~ 40°C (32°F ~ 104°F)	
-20°C ~ 60°C (-4°F ~ 140°F)		-20°C ~ 60°C (-4°F ~ 140°F)	
FCC Class B CE (IEC/EN60601-1:ed3.1, IEC/EN60601-1-2:2014/2015, 4th ed.)		UL/cUL(ANSI/AAMI ES60601-1:2005+A1, CAN/CSA C22.2 NO.60601-1:14) FCCB CE (IEC/EN 60601-1: ed.3.1; IEC/EN 60601-1-2:2014/2015, 4th ed.)	

医疗显示器



产品型号	RCC-MS-GMD32G-01R	RCC-MS-GMD32T-01R	RCC-MS-GMD55G-01R
LCD 尺寸	32"	32"	55"
显示类型	4K	4K	4K
分辨率	3840 x 2160	3840 x 2160	3840 x 2160
像素间距	0.1845 x 0.1845	0.1845 x 0.1845	0.315 x 0.315
亮度	780 cd/m ² with AR Glass	750 cd/m ² PCAP with AG	460 cd/m ² with AG Glass
对比度	1000	1000	4000
视角	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	14ms	14ms	8.5ms
背光	LED	LED	LED
触摸屏信息	N/A	Projective Capacitive	N/A
透光率	95%	89%	89%
校准模式/DICOM/ASL	Communication Protocol Is Ready to Calibrate the Monitor through USB Ambient Light 0/0.5/1/1.5/2/2.5/3 nits ASL	Communication Protocol Is Ready to Calibrate the Monitor through USB Ambient Light 0/0.5/1/1.5/2/2.5/3 nits ASL	Communication Protocol Is Ready to Calibrate the Monitor through USB (Optional) Barten Curve (Optional)
数字输入	Standard DVI, HDMI & Display Port	Standard DVI, HDMI & Display Port	Standard DVI & Display Port
模拟输入	Video: 0.7 Vpp/75 ohm, Sync: Separate TTL Level. Composite Sync or Sync on Green. Hor: 30 ~ 92KHz, Ver: 50 ~ 85Hz		
兼容数字模拟	Up to VESA UHD 3840 x 2160, OHD 2560 x 1440, FHD 1920 x 1080, VESA 1280 x 1024 @ 75/60Hz, VESA 1024 x 768 @ 75/70/60Hz, VESA 800 x 600 @ 75/72/60/56Hz, VESA 640 x 480 @ 75/72/60Hz, Super VGA, VGA, Mac 832 x 624 @ 75Hz, Power Mac and More.		
信号输入接口	DVI (HDMI 1.4), HDMI (HDMI 2.0), Display Port (DP 1.2) x 2, VGA	DVI (HDMI 1.4), HDMI (HDMI 2.0), Display Port (DP 1.2) x 2, VGA	DVI x4 (HDMI 1.4 Compliant), Display Port x2 (Display Port 1.2a Compliant), VGA & USB HUB/ Calibration.
信号输出接口	DVI (HDMI 1.4), DisplayPort (DP 1.2 SST or MST Daisy-chaining)	DVI (HDMI 1.4), DisplayPort (DP 1.2 SST or MST Daisy-chaining)	N/A
电源连接器	DC in 24V	DC in 24V	100-240Vac
音频接口	5W Speaker x 2 (Option)	5W Speaker x 2 (Option)	N/A
色彩模式	Color Temperature: Cool/Neutral/Warm/User Gamma: 1.8/2.0/2.2/2.4/Linear	Color Temperature: Cool/Neutral/Warm/User Gamma: 1.8/2.0/2.2/2.4/Linear	Color Temperature: Cool/Neutral/Warm/User Gamma: 1.8/2.0/2.2/2.4/Linear
其他	DC output 5V/1A, DIN6868-157 BT 709/ DCI-P3/ BT 2020 supported by 3D LUT (option)	DC output 5V/1A, DIN6868-157 BT 709/ DCI-P3/ BT 2020 supported by 3D LUT (option)	N/A
适配器	AC/DC Adapter Input: 100-250Vac, 0.6A, 60/50Hz Universal Output: 24V, 6.25A 150W	AC/DC Adapter Input: 100-250Vac, 0.6A, 60/50Hz Universal Output: 24V, 6.25A 150W	Internal power supply: 100-250Vac, 60/50Hz universal
结构(前/后)	Metal	Metal	Metal
防护等级	IP32 Whole Unit	IP32 Whole Unit	IP 65 in front & IP x1 whole unit
尺寸	764.2 x 468.6 x 79.0 mm	764.2 x 468.6 x 79.0 mm	1314 x 785 x 85 mm
重量	11 kg	11 kg	39 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
认证	UL/cUL (ANSI/AAMI ES60601-1 ed. 3.2; CAN/ CSA C22.2 NO.60601-1:14 ed. 3.2) FCC B, VCCI, CE (EN60601-1, ed.3.2; EN60601-1-2, ed. 4.1)	UL/cUL (ANSI/AAMI ES60601-1 ed. 3.2; CAN/ CSA C22.2 NO.60601-1:14 ed. 3.2) FCC B, VCCI, CE (EN60601-1, ed.3.2; EN60601-1-2, ed. 4.1)	cTUVus (ANSI/AAMI ES60601-1:2005+A1, CAN/CSA C22.2 NO.60601-1:14) FCC B, CE (IEC/EN60601-1:ed.3.1, IEC/EN60601-1-2)



产品型号	RCC-MS-GMD55T-01R	RCC-MS-GMD65G-01R	RCC-MS-GMD65T-01R
LCD 尺寸	55"	65"	65"
显示类型	4K	4K	4K
分辨率	3840 x 2160	3840 x 2160	3840 x 2160
像素间距	0.315 x 0.315	0.372 x 0.372	0.372 x 0.372
亮度	440 cd/m ² PCAP with AG	460 cd/m ² with AG Glass	440 cd/m ² PCAP with AG
对比度	4000	4000	4000
视角	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	8.5ms	8ms	8ms
背光	LED	LED	LED
触摸屏信息	Projective Capacitive	N/A	Projective Capacitive
透光率	89%	89%	89%
校准模式/DICOM/ASL	Communication Protocol Is Ready to Calibrate the Monitor through USB (Optional) Barten Curve (Optional)	Communication Protocol Is Ready to Calibrate the Monitor through USB (Optional) Barten Curve (Optional)	Communication Protocol Is Ready to Calibrate the Monitor through USB (Optional) Barten Curve (Optional)
数字输入	Standard DVI & Display Port	Standard DVI & Display Port	Standard DVI & Display Port
模拟输入	Video: 0.7 Vpp/75 ohm, Sync: Separate TTL Level. Composite Sync or Sync on Green. Hor: 30 ~ 92KHz, Ver: 50 ~ 85Hz		
兼容数字模拟	Up to VESA UHD 3840 x 2160, QHD 2560 x 1440, FHD 1920 x 1080, VESA 1280 x 1024 @ 75/60Hz, VESA 1024 x 768 @ 75/70/60Hz, VESA 800 x 600 @ 75/72/60/56Hz, VESA 640 x 480 @ 75/72/60Hz, Super VGA, VGA, Mac 832 x 624 @ 75Hz, Power Mac and More.		
信号输入接口	DVI x4 (HDMI 1.4 Compliant), Display Port x2 (Display Port 1.2a Compliant), VGA & USB HUB/Calibration.	DVI (HDMI 1.4), HDMI (HDMI 2.0), Display Port (DP 1.2) x 2, VGA	DVI (HDMI 1.4), HDMI (HDMI 2.0), Display Port (DP 1.2) x 2, VGA
信号输出接口	N/A	DVI (HDMI 1.4), Display Port (DP 1.2 SST or MST Daisy-chaining)	DVI (HDMI 1.4), Display Port (DP 1.2 SST or MST Daisy-chaining)
电源连接器	100-240Vac	100-240Vac	100-240Vac
音频接口	N/A	N/A	N/A
色彩模式	Color Temperature: Cool/Neutral/Warm/User Gamma: 1.8/2.0/2.2/2.4/Linear	Color Temperature: Cool/Neutral/Warm/User Gamma: 1.8/2.0/2.2/2.4/Linear	Color Temperature: Cool/Neutral/Warm/User Gamma: 1.8/2.0/2.2/2.4/Linear
其他	N/A	DC output 5V/1A	DC Output 5V/1A
适配器	Internal Power Supply:100 ~ 250Vac, 60/50Hz Universal	Internal power supply:100-250Vac, 60/50Hz universal	Internal Power Supply: 100 ~ 250Vac, 60/50Hz Universal
结构(前/后)	Metal	Metal	Metal
防护等级	IP 65 in Front & IP x1 Whole Unit	IPX5 in Front & IPX1 Whole Unit	IPX5 in Front & IPX1 Whole Unit
尺寸	1314 x 785 x 85 mm	1521 x 904 x 105 mm	1521 x 904 x 105 mm
重量	39 kg	50 kg	50 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
认证	cTUVus (ANSI/AAMI ES60601-1:2005+A1, CAN/CSA C22.2 NO.60601-1:14) FCC B, CE (IEC/EN60601-1:ed3.1,IEC/EN60601-2)	FCC, VCCI CE (EN60601-1, ed 3.2 ; EN60601-1-2, ed 4.1)	FCC, VCCI CE (EN60601-1, ed 3.2 ; EN60601-1-2, ed 4.1)

医用级人工智能计算机



产品型号	MAB-T690	MAB-T660	MAB-T660D	MAB-T600	MAB-T600-B1
处理器	12/13/14th & Series 2 Gen Intel® Core™ i9/i7/i5/i3 Processors	12/13th Generation Intel® Core™ i9/i7/i5/i3 LGA1700 Processor	12/13/14th Generation Intel® Core™ i3/i5/i7/i9 Processors	12/13th Generation Intel® Core™ i9/i7/i5/i3 LGA1700 Processor	12/13th Generation Intel® Core™ i9/i7/i5/i3 LGA1700 Processor
主板	EAX-R680BP	EMX-R680P	MX610HD	RX610H	RX680R
系统内存	4 x 288-Pin DDR5 4400MHz U-DIMM Socket Supports Up to 192GB (ECC Memory Support by CPU)	2 x SODIMM Up to 64GB Dual Channel DDR5 4800MHz Non-ECC DRAM Support	2 x SODIMM Sockets Support DDR5 5600MHz up to 64GB (Non-ECC)(CPU Dependent)	2 x DIMM Slots Support Dual Channel DDR5 Memory Speed up to 4800/5600MHz (CPU Dependent) with UDIMM, up to 64GB	4 x DIMM Slots Support Dual Channel DDR5 Memory Speed up to 4400MHz with UDIMM, up to 128GB, with ECC Support
扩展	2 x PCIe x16 slots for 1 x PCIe16 Gen5 default or 2 x PCIe8 Gen5 (BIOS selection) 2 x PCIe x4 Gen4 1 x PCIe x4 Gen3 1 x PCIe x4 slot for 1 x PCIe x2 Gen3 2 x M.2 NVMe Key M 2242/2280/22110 (PCIe Gen4 x4, for Storage only, no SATA)	1 x M.2 (2230) E-Key, Support Wi-Fi Module 1 x M.2 (2242/2280) M-Key 1 x PCI-e x 16 Gen 5 or 2 x PCI-e x 8 by Switch (from CPU)	1 x M.2 M-Key 2242/2280 NVMe (PCIe x4 + SATA III) 1 x M.2 E-Key 2230 CNVi (PCIe x1 + USB 2.0) 1 x Gen 4 PCIe x16	1 x M.2 M-Key 2242/2280/22110 NVMe 1 x M.2 E-Key 2230 with CNVi Support 1 x Gen 5 PCIe x16 (x16 Physical Black) 1 x Gen 3 PCIe x1 (x4 Physical Open Ended) 2 x Gen 3 PCIe x1 (x16 Physical Yellow)	1 x M.2 M-Key 2242/2280/22110 NVMe 1 x M.2 M-Key 2242/2280/22110 NVMe 1 x M.2 E-Key 2230 with CNVi Support 1 x Gen 5 PCIe x16 2 x Gen 4 PCIe x4 (x16 Physical Yellow) 1 x Gen 3 PCIe x4 Open Ended
存储	2 x M.2 Key M NVMe (Gen4x4) 2242/2280/22110 2 x SATAIII	1 x 2.5" SATAIII HDD/SSD Drive	1 x M.2 Key-M 2242/2280 NVMe (PCIe4, SATA3) 1 x 2.5" SATAIII	2 x 2.5" SATAIII HDD/SSD Drive (2 x 3.5" SATAIII HDD/SSD Drive as Option)	2 x 2.5" SATAIII HDD/SSD Drive (2 x 3.5" SATAIII HDD/SSD Drive as Option)
USB	2 x USB 2.0 (Front I/O) 8 x USB 3.2 Gen2	2 x USB 2.0 (Front I/O) 4 x USB 3.2 Gen 2 4 x USB 3.2 Gen 1	2 x USB 2.0 (Front I/O) 2 x USB 2.0 (Type A) 2 x USB 3.2 (Type A)	2 x USB 2.0 (Front I/O) 2 x USB 2.0 Type A 4 x USB 3.2 Type A	2 x USB 2.0 (Front I/O) 6 x USB 3.2 Gen 2 x 1 Ports 1 x USB 3.2 Gen 2 x 2 Type-C
其他I/O	1 x HDMI, 2 x DP, 4 x RJ45	1 x HDMI, 2 x DP, 4 x RJ45	1 x HDMI, 1 x DP, 2 x RJ45	1 x HDMI, 2 x DP, 2 x RJ45	4 x DP, 2 x RJ45
音频	Realtek Audio Code 1 x Mic-in, 1 x Line-out	Realtek Audio Code 1 x Mic-in, 1 x Line-out	Realtek Audio Code 1 x Mic-in, 1 x Line-out	Realtek Audio Code 1 x Mic-in, 1 x Line-out	Realtek Audio Code 1 x Mic-in, 1 x Line-out
工作温度	0 ~ 40°C (32°F ~ 104°F) w/ SSD, Ambient w/ 0.5m/s Air Flow	0 ~ 35°C (32°F ~ 95°F) w/ SSD, Ambient w/ 0.5m/s Air Flow	0°C ~ 40°C (32°F ~ 104°F) with 0.5m/s air flow	0 ~ 40°C (32°F ~ 104°F) w/ SSD, Ambient w/ 0.5m/s Air Flow	0 ~ 40°C (32°F ~ 104°F) w/ SSD, Ambient w/ 0.5m/s Air Flow
电源信息	1000W ATX Power Supply (AC in)	400W ATX Power Supply (Medical Grade)(AC in)	180w Adapter 19V/9.47A 90 plug Type (DC in)	500W ATX Power Supply (Medical Grade)(AC in)	500W ATX Power Supply (Medical Grade)(AC in)
颜色	White	White	White	White	White
尺寸(长 x 宽 x 高)	437 x 433 x 189.2 mm	315 x 273 x 92 mm	315 x 273 x 92 mm	330 x 344 x 160 mm	330 x 344 x 160 mm
重量	9 kg	4.8 kg	4.8 kg	7 kg	7 kg
认证	IT Grade CE, FCC Class A	IT Grade CE, FCC Class A	IT Grade CE, FCC Class A	Medical Grade CE, FCC Class B	Medical Grade CE, FCC Class B
兼容扩展卡列表	NVIDIA RTX5000 Ada PCIe16 NVIDIA RTX5090 Blackwell PCIe16 NVIDIA RTX4000 Ada PCIe16 NVIDIA RTX4000 SFF Ada PCIe16 NVIDIA RTX2000 Ada PCIe8 NVIDIA A1000 PCIe16 YUAN SC400N2-L HDMI 2CH 1080p YUAN SC400N4 HDMI 4CH 1080p YUAN SC710N2-L HDMI 2CH 4K YUAN SC410N4 HDMI 4CH 4K Intel 82574 1CH LAN Card Intel I350AM2 2CH LAN Card Intel I210 PoE Card PCIe WIFI 6/6E Module Kit/Set	NVIDIA RTX4000 SFF Ada NVIDIA RTX2000 Ada NVIDIA T1000 YUAN SC400N2-L HDMI 2CH 1080p YUAN SC400N4 HDMI 4CH 1080p YUAN SC710N2-L HDMI 2CH 4K YUAN SC410N4 HDMI 4CH 4K Intel 82574 1CH LAN Card Intel I350AM2 2CH LAN Card Intel I210 PoE Card PCIe WIFI 6/6E Module Kit/Set	NVIDIA RTX4000 SFF Ada NVIDIA RTX2000 Ada NVIDIA T1000 YUAN SC400N2-L HDMI 2CH 1080p YUAN SC400N4 HDMI 4CH 1080p YUAN SC710N2-L HDMI 2CH 4K YUAN SC410N4 HDMI 4CH 4K Intel 82574 1CH LAN Card Intel I350AM2 2CH LAN Card Intel I210 PoE Card PCIe WIFI 6/6E Module Kit/Set	NVIDIA RTX4000 Ada NVIDIA RTX4000 SFF Ada NVIDIA RTX2000 Ada NVIDIA T1000 YUAN SC400N2-L HDMI 2CH 1080p YUAN SC400N4 HDMI 4CH 1080p YUAN SC710N2-L HDMI 2CH 4K YUAN SC410N4 HDMI 4CH 4K Intel 82574 1CH LAN Card Intel I350AM2 2CH LAN Card Intel I210 PoE Card PCIe WIFI 6/6E Module Kit/Set PCIe 5G Module Set	NVIDIA RTX4000 Ada NVIDIA RTX4000 SFF Ada NVIDIA RTX2000 Ada NVIDIA T1000 YUAN SC400N2-L HDMI 2CH 1080p YUAN SC400N4 HDMI 4CH 1080p YUAN SC710N2-L HDMI 2CH 4K YUAN SC410N4 HDMI 4CH 4K Intel 82574 1CH LAN Card Intel I350AM2 2CH LAN Card Intel I210 PoE Card PCIe WIFI 6/6E Module Kit/Set PCIe 5G Module Set

视频管理器

移动电池盒



产品型号	MED-VPR-8430
CPU内存	Intel Elkhart Lake x6425E 2.0Ghz (Boost 3.0Ghz) DDR4-16GB Soldered on Board
存储	2.5 Inch SATA SSD 1TB M.2 SATA SSD (Expandable)
颜色	White
尺寸(长 x 宽 x 高)	296 x 296 x 67 mm (Case Only) 318 x 316 x 67 mm (All Inclusive)
I/O	4 x 4K HDMI-IN, 2 x 4K HDMI-OUT 2 x RJ45, 1 x HDBaseT (100m Extension) 2 x RS-232 8 x GPIO 6 x USB Ports
工作平台	Intel x86 & NXP
冷却系统	Fanless
软件	Built-in Time Cabinet Software
屏幕布局	Multi-view Layout
按钮	System Power on/off
LED	Power LED
电源信息	24V/4.17A DC
工作温度	0°C ~ 40°C (32°F ~ 104°F)
毛重	4.3 kg

产品型号	EPB-1001
SBC	EPB-1001 Battery Board
MCU	IT8911
充电IC	LTC1760
电源IC	LTC3789 for Vout1
直流输入	24Vdc/ 5A
充电电流	4A Max. for 2 Batteries
充电电压	16.8 V
每个电池的输出电流	6.8 A
每个电池的输出电压	14.4 V
输出功率	12V/ 19V DC-out 80W
USB	Type A
指示灯	Power/ Battery1/ Battery 2
电源连接器	DC Jack with Lock
电源模式	DC in
颜色	Black/ White
尺寸	235 x 182 x 43 mm
重量	1.2 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-40°C ~ 75°C (-40 ~ 167°F)(without Battery Pack)
认证	CE/ FCC ANSI/ AAMI ES 60601 CAN/ CSA C22.2 No. 60601-1

Tailored to
Your Needs



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