

能源

零售

制造

交通

医疗

Avalue - Core for **EDGE COMPUTING** 安勤 - 边缘计算核心



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- ▶ 医疗
- ▶ 零售
- ▶ 交通
- ▶ 工业 4.0
- ▶ 广告
- ▶ 通讯
- ▶ 监控
- ▶ 自动化
- ▶ 车载
- ▶ 游戏

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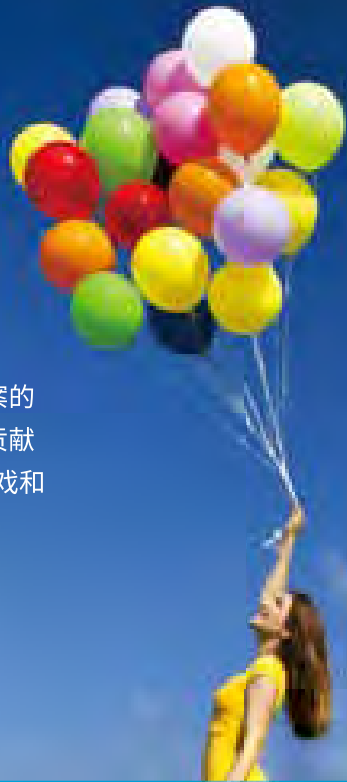
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关于我们

安勤科技成立于2000年，是一家全球领先的工业计算供应商，致力于开发x86和RISC架构，包括工业和嵌入式主板、计算系统、平板电脑、模块化计算机以及各种物联网产品。

我们开发前沿的解决方案，可帮助客户优化其工业级解决方案，以提升解决方案的性能，延长使用寿命。所有这些努力，不仅是为了实现客户的期望，也是为了贡献我们的力量，以支持市场上的各种应用，如保健/医疗、零售、运输、制造、游戏和能源。



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，以打造国际领先的企业。



项目管理

PLM/EOL/ECR 管理
修订控制



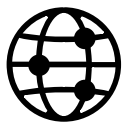
零件工程

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

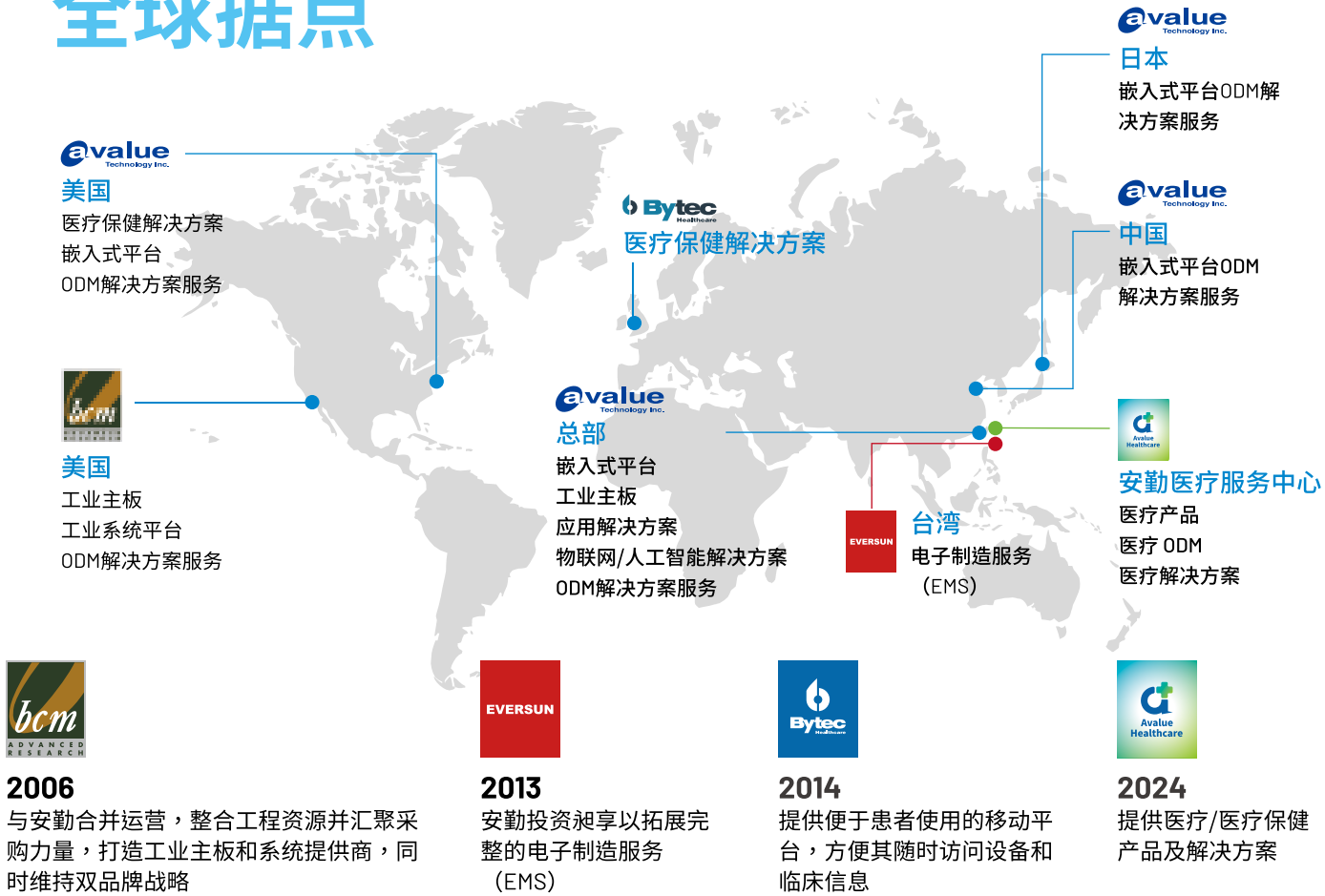
供应链
库存
仓储
物料搬运



专业DMS

ODM和EMS整合
设计制造服务

全球据点



产品应用

嵌入式产品多样，应用广泛，覆盖
智能医疗、智能制造、智能交通和
智能零售等领域。

医疗

零售

工业自动化

交通

能源

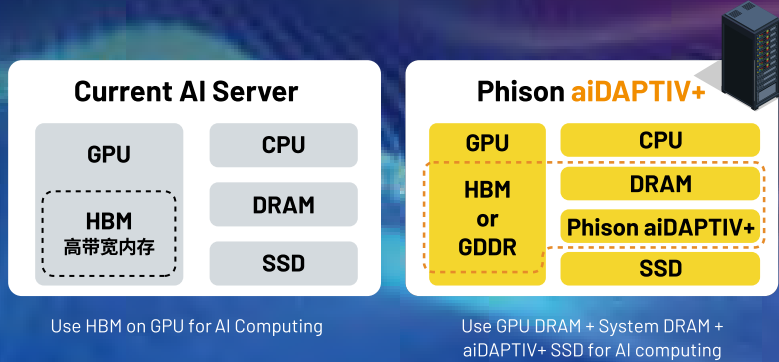
用于生成式AI的 边缘AI服务器解决方案

兼顾高效率与经济性

专为数据密集型工作负载而设计，它适用于任何需要使用人工智能的企业、政府或研究机构，并为用户提供了满足数据密集型人工智能工作负载所需的存储、可扩展性和处理能力。

利用 aiDAPTIV+ 经济实惠的创新 aiDAPTIV+ 是如何工作的：

- 改变人工智能计算架构
- 无缝集成到现有的人工智能放架中以优化性能。
- 提高人工智能模型预训练的效率和效果。



GAI System 系列

安勤本地服务器的优势

- 兼顾效率与经济性
- 在边缘端保护敏感数据
- 可随时部署/ 可扩展性
- 人工智能工作站提供一站式支持和定制服务

安勤生成式AI服务器

- | 构建全面且精准的知识库
- | 特定领域模型调优

- ▶ 解决方案灵活性 (70B/70B-Lite/33B)
- ▶ 易于部署 (4U 机架式/塔式)
- ▶ NVIDIA® AI就绪解决方案
- ▶ 微调专家试用版

Your GenAI Server, Your Way

我们提供

Selection Guide

	GAI-ERS-70B	GAI-ERS-70B-Lite	GAI-ERS-33B
RAM	576GB	576GB	256GB
Phison SSD	2 x 2TB	2 x 2TB	1 x 2TB
Max. LLM Training Size	70B	70B	33B
GPU Cards	2 x Nvidia RTX6000 Ada/48GB	4 x Nvidia RTX4000 Ada/20GB	2 x Nvidia RTX4000 Ada/20GB
CPU	Intel Xeon 4510 (12C/24T) or Above		
Form Factor	Tower or 19" 4U Rackmount		
Power Solution	1300W		
Chipset	C741		
Pre-Loaded Software	DeepMentor's Fine-Tune Expert Trial Version		

什么是微调专家？

企业级无代码LLM训练平台

简化的无代码AI训练平台，具有集成数据集管理、可视化训练进度监控、本地处理以保护隐私，并支持团队包容性训练等功能。

微调专家的主要优势

- 确保数据隐私
确保企业机密信息和用户个人数据的隐私与安全。
- 大幅降低运营成本
与昂贵的云端推理成本相比，本地部署解决方案可以显著降低运营成本。
- 无代码软件集成
我们的微调专家软件易于使用，且用户友好，无需任何编程知识。

工业加固型平板 解决方案

ARC 系列

12.1"/ 15" 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

模块化无线扩展

多种IET模块用于
无缆I/O扩展

耐用且坚固的设计

冲击力达 20Grms，
抗振动达 3Grms

无线网络通信

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
防护等级的不锈
钢面板电脑

OFP系列 开放式多点 触控面板电脑

安勤的OFP系列开放式面板电脑基于英特尔®赛扬® N3350/J3455 和第 11
代英特尔®酷睿™处理器。该处理器提供了增强的性能和成本效益，同时，可
支持多种操作系统。OFP系列是工厂自动化、信息亭、自助服务和人机界面
（HMI）应用的理想解决方案。

OFP系列将坚固的工程设计与多功能的集成能力相结合，是系统集成商和原
始设备制造商（OEM）在工业环境中需要可靠、高性能计算解决方案的理想
选择。另外，其灵活的架构和工业级构造确保了长期的可靠性，并简化了维
护流程。

智慧医疗解决方案



MAB 系列
医用级计算机

第十三代

英特尔Raptor Lake LGA处理器
最高 16 核 24 线程混合处理器

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

UL60601-1 医疗认证



HID 系列
医疗级平板电脑

第十三代

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

医疗级认证

UL60601-1医疗认证与抗菌涂层

纤薄且时尚的设计

多种扩展选项以满足
不同的集成需求

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



基于ARM架构的边缘人工智能解决方案

边缘人工智能软件开发包 (SDK)、
示例代码和参考设计

NVIDIA Jetson Orin/AGX Orin 提供 20 至 275 万亿次每秒 (TOPS) 的计算能力

多种 ARM 平台选项
Rockchip, NXP, MTK, Qualcomm

多种外形支持
支持工控机、平板电脑、SBC、SMARC、OSM

宽温范围与产品
生命周期支持



AIB 系列 SMA/OSM 系列 OFT/ SID/ VNS 系列

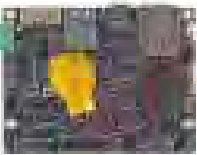


操作系统支持列表 (Windows / Linux)

Vender	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 5.15	22.04.1 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	22.04.2 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	22.04.5 LTS
		Arrow Lake-S	V	V					Kernel 6.X	Update Pending
	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.X	Update Pending

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



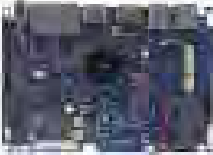
1.8" SBC 主板

1.8英寸单板计算机（SBC）嵌入式主板专为各种应用设计，具备宽温范围和低功耗特性，能够有效满足客户的需求。



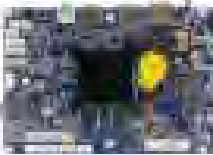
2.5" SBC Pico-ITX 主板

Pico-ITX 是一款尺寸为100×72毫米的小型嵌入式单板计算机（SBC），支持低功耗和无风扇运行，能够无缝集成到紧凑型嵌入式应用中。



3.5" SBC主板

3.5英寸单板计算机（SBC）嵌入式主板具备宽广的温度和电压范围、低功耗，并且拥有满足多样化应用需求的特性。



基于ARM的SBC主板

基于嵌入式ARM处理器，ARM架构的单板计算机（SBC）能够满足对功耗和性能优化的需求，包括单板计算机、面板电脑、工控机以及RISC架构设计支持服务。



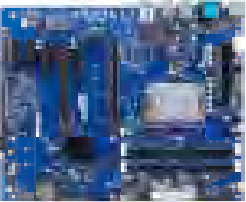
Mini-ITX 主板

Mini-ITX 工业主板非常适合各种嵌入式解决方案，特别适用于低功耗、多功能的应用场景。



Micro-ATX 主板

Micro ATX 是尺寸适中的嵌入式计算机主板，非常适合对成本敏感的应用场景，可为客户提供快速、便捷且简化的解决方案。



ATX 主板

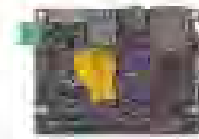
ATX 工业主板具备高计算能力和丰富的 I/O 集成，为各种应用提供理想的嵌入式平台。



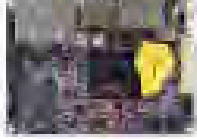
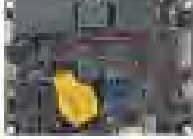
嵌入式外围设备

高质量的嵌入式外围设备，包括了电源板、显示板和I/O通信接口，能够帮助客户构建易于使用的计算系统。

1.8" SBC 主板



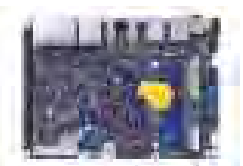
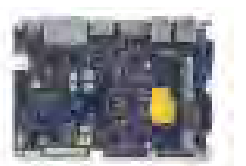
2.5" SBC Pico-ITX 主板



产品型号	EZX-EHLP
处理器	Intel® Pentium®/ Celeron®/ Atom™ Processor
系统芯片	N/A
系统内存	Single Channel LPDDR4 4/ 8GB Memory Down
扩展	1 x M.2 Key-B, 1 x Micro SIM to SIM Adapter by Option Onboard eMMC
显示	Intel® UHD Graphics for 10th Gen Intel® Processors Mini DP/ eDP
分辨率	Mini DP++ : 4096 x 2160 @ 60Hz eDP: 4096 x 2160 @ 60Hz LVDS: 1920 x 1080
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 (-8°F ~ 140°F) for Wide Temperature CPU SKU
尺寸 (长 x 宽)	3.3" x 2.5" (85 x 65 mm)
重量	0.66 lbs (0.3 kg)

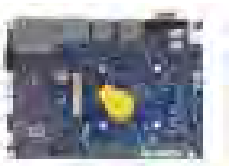
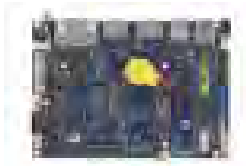
EPX-ASLP	EPX-EHLP	EPX-APLP
Intel® N-series & Atom® Processor X Series	Intel® Celeron®/ Atom™ SoC Processor	Intel® Celeron® SoC Processor
N/A	N/A	N/A
1 x 262-pin DDR5 4800MHz SO-DIMM Supports up to 16GB	1 x 260-pin DDR4 2666MHz SO-DIMM Supports up to 32GB	1 x 204-pin DDR3L 1600 & 1333MHz SO-DIMM Supports up to 8GB
1 x M.2 Key-B 1 x M.2 Key-E	1 x M.2 Key-B 1 x M.2 Key-E	1 x M.2 Key-B 1 x M.2 Key-E 1 x Micro SIM to SIM Adapter by Option
Intel® UHD Graphics HDMI + DP + LVDS	Intel® UHD Graphics for 10th Gen Intel® Processors 2 x DP++/ LVDS	Intel® HD Graphics 500 HDMI + LVDS + DP++
HDMI 2.0b Max Resolution 4096 x 2160 @ 60Hz DP 1.4a Max Resolution 4096 x 2160 @ 60Hz LVDS 1366 x 768 Single Channel 18/24-bits	DP++: 4096 x 2160 @ 60Hz LVDS: 1920 x 1080 (2 x DP++, LVDS)	HDMI 1.4b: 3840 x 2160 @ 30Hz 2560 x 1600 @ 30Hz DP 1.2a: 4096 x 2160 @ 60Hz LVDS: 1920 x 1800 @ 60Hz
N/A	N/A	Realtek Audio Codec 2 x 2W Audio Amplifier
2 x Intel® I226V/ IT	2 x Intel® I226LM/ IT	2 x Intel® I226LM
6/ 1/ 2/ 2	6/ 0/ 2/ 2	6/ 1/ 1/ 2
+12V	+12V	+12V
AT/ ATX	AT/ ATX	ATX
0°C ~ 60°C (32°F ~ 140°F) -40°C ~ 80°C (-8°F ~ 140°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F) -20°C ~ 60°C (-8°F ~ 140°F) for Wide Temperature CPU SKU	0°C ~ 60°C (32°F ~ 140°F)
3.93" x 2.83" (100 x 72 mm)	3.93" x 2.83" (100 x 72 mm)	3.93" x 2.83" (100 x 72 mm)
0.88 lbs (0.4 kg)	0.88 lbs (0.4 kg)	0.88 lbs (0.4 kg)

3.5" SBC 主板



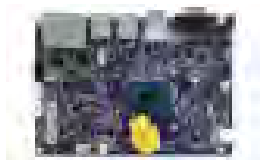
产品型号	ECM-MTL	ECM-RPL	ECM-TGU
处理器	Onboard Intel® Core™ Ultra 7/ Ultra 5 BGA Processor, Supports TDP 15/ 28W	Onboard 13th Intel® Gen Core™ i7/ i5/ i3/ Pentium®/ Celeron® BGA Processor, Supports TDP 15/ 28W	Onboard BGA 11th Gen Intel® Core™ Processors U-series & Celeron®
系统芯片	N/A	N/A	N/A
系统内存	1 x 262-pin DDR5 5600MHz SO-DIMM Supports up to 48GB	1 x 262-pin DDR5 4800MHz SO-DIMM Supports up to 32GB	1 x 260-pin DDR4 3200MHz SODIMM, Supports up to 32GB (non ECC Supported)
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 (2242) B-Key 1 x M.2 (2230) E-Key 1 x M.2 (2280) M-Key	1 x M.2 (2242) B-Key 1 x M.2 (2230) E-Key 1 x M.2 (2280) M-Key	1 x M.2 (2242) B-Key 1 x M.2 (2230) E-Key 1 x M.2 (2260 for 2242) M-Key
存储	1 x M.2 B Key (2242) 1 x M.2 (2280) M-Key 1 x SATA III	1 x M.2 B Key (2242) 1 x M.2 (2280) M-Key 1 x SATA III	1 x M.2 (2242) B-Key 1 x M.2 (2260 for 2242) M-Key 1 x SATA III
I/O	4 x USB 2.0, 3 x USB 3.2, 1 x USB Type C Support DP/ USB 3.2 Gen 1, 5V x 3A 2 x RS-232, 2 x RS-232/422/485 1 x 8bit GPIO, 1 x SPI, 1 x e-SPI	4 x USB 2.0, 3 x USB 3.2 2 x RS-232/422/485 1 x 8bit GPIO, 1 x SPI, 1 x e-SPI	4 x USB 2.0, 4 x USB 3.1 Gen2 1 x SATA III, 4 x RS-232 2 x RS-232/422/485 1 x 8bit GPIO, 1 x LPC, 1 x SPI
显示芯片组	Intel® Xe LPG Graphics 1 x HDMI, 1 x DP, 1 x 2CH LVDS/ eDP 1 x USB Type C Support DP Supports Four Display	Intel® Iris® Xe/ UHD Graphics (Dependent on CPU) 1 x HDMI, 1 x DP++, 1 x 2CH LVDS/ eDP, 1 x USB Type C Support DP Supports Four Display	Intel® 11th Up3 SoC Processor Integrated 2 x DP++, 1 x 2CH LVDS, 1 x eDP Supports Four Display
分辨率	HDMI: 4096 x 2160 @ 60Hz DP: 7680 x 4320 @ 60Hz LVDS: 1920 x 1080 @ 60Hz or eDP 1920 x 1080 @ 60Hz 2 Lanes USB Type C Support DP: 4096 x 2160 @ 60Hz	HDMI: 4096 x 2160 @ 60Hz DP++: 4096 x 2304 @ 60Hz LVDS: 1920 x 1080 @ 60Hz or eDP 1920 x 1080 @ 60Hz 2 Lanes USB Type C Support DP: 4096 x 2304 @ 60Hz	2 x DP++: 4096 x 2304 @ 60Hz Dual Channel 18/24bits LVDS Max. Resolution 1920 x 1080 @ 60Hz eDP: 4096 x 2160 @ 60Hz
音频芯片组	Realtek Audio Codec Mic-in, Line-in, Line-out 2 x 2W Audio Amplifier	Realtek Audio Codec Mic-in, Line-in, Line-out 2 x 2W Audio Amplifier	Realtek Audio Codec Mic-in, Line-in, Line-out 2 x 2W Audio Amplifier
以太网芯片组	1 x Intel® I226V 1 x Intel® I226LM	2 x Intel® I226LM/ IIT	3 x Intel® I226LM/IIT
电源信息	+12V ~ +24V	+9V ~ 36V or USB Type C Adapter (20V) Note: DCIN & USB Type C Adapter Can Only Use Either One.	+12V ~ +24V
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) -40°C ~ 70°C (-40°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
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-TGUC	ECM-ADLS	ECM-CFS	ECM-ASL
Onboard BGA 11th Gen. Intel® Core™ Processors U-series i5/ i3	Intel® LGA1700 Socket Supports 12th Gen Intel® Core™ i9/ i7/ i5/ i3/ Pentium®/ Celeron® Processors, up to 35W Max	8/ 9th Gen Intel® Core™ i7/ i5/ i3/ Celeron® rPGA Processor	Onboard Intel® Processor N97, Intel® Core™ i3-N305 Processor, and Intel Atom® x7000RE Series Processors
N/A	Intel® R680E/ Q670E/ H610E Chipset	Intel® Q370/ H310 Express Chipset	N/A
1 x 260-pin DDR4 3200MHz SO-DIMM Supports up to 32GB (Non ECC Supported)	1 x 262-pin DDR5 4800MHz SO-DIMM Supports up to 32GB	1 x 260-Pin DDR4 2400MHz SO-DIMM Supports up to 32GB	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 (2242) B-Key 1 x M.2 (2230) E-Key 1 x M.2 (2280) M-Key	1 x M.2 (2230) E-Key	1 x Mini PCIe Supports mSATA (Q370 Support mPCIe/ mSATA/ USB2.0 Device, H310 Support mSATA/ USB 2.0 Device)	1 x M.2 (2242) B-Key 1 x M.2 (2230) E-Key
1 x M.2 (2242) B-Key 1 x M.2 (2280) M-Key 1 x SATA III	1 x M.2 (2280) M-Key	1 x mSATA Supported from Mini PCIe	1 x M.2 (2242) B-Key 1 x SATA III
5 x USB 2.0, 3 x USB 3.2 1 x SATA III, 5 x RS-232 1 x RS-232/422/485 1 x 8bit GPIO, 1 x SPI, 1 x e-SPI	4 x USB 2.0, 4 x USB 3.2 (H610E USB 3.2 Support Gen 1 Only) 2 x RS-232/422/485 1 x 8bit GPIO, 1 x SPI, 1 x e-SPI	2 x USB 2.0, 4 x USB 3.1 2 x SATA III, 2 x RS-232 1 x 8bit GPIO, 1 x LPC 1 x SPI	4 x USB 2.0, 3 x USB 3.2 1 x SATA III, 3x RS-232 1 x RS-232/422/485 1 x 8bit GPIO, 1 x e-SPI
Intel® 11th Up3 SoC Processor Integrated 2 x DP++, 1 x 2CH LVDS/eDP (Default LVDS) Supports Triple Display	Intel® 12th Gen. CPU Integrated HDMI, DP++, 1 x 2CH LVDS/ eDP Supports Triple Display	Intel® UHD Graphics 630 Intel® UHD Graphics 610 H310 Only Support Dual Display: LVDS + HDMI 1(Default LVDS Enable) or HDMI 1 + HDMI 2 (LVDS Disabled) Q370 Support Triple Display	Integrated Intel® UHD Graphics 1 x HDMI, 1 x DP, 1 x 2CH LVDS/eDP Supports Triple Display
2 x DP++: 4096 x 2304 @ 60Hz Dual Channel 18/24bits LVDS: 1920 x 1080 @ 60Hz eDP: 4096 x 2160 @ 60Hz	HDMI: 4096 x 2304 @ 60Hz DP++: 4096 x 2304 @ 60Hz LVDS: 1920 x 1080 @ 60Hz or eDP 1920 x 1080 @ 60Hz 2 Lanes	Dual HDMI: 4096 x 2304 @ 30Hz LVDS: 1920 x 1080 @ 60Hz	HDMI: 4096 x 2160 @60Hz DP: 4096 x 2160 @ 60Hz LVDS: 1920 x 1080 @ 60Hz eDP: 4096 x 2160 @ 60Hz
Realtek Audio Codec Mic-in, Line-in, Line-out 2 x 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-In, Line-Out
1 x Intel® I225V 1 x Intel® I219LM	2 x Intel® i226LM	1 x Intel® I210AT 1 x Intel® I219LM	2 x Intel® I226V/IIT
+12V ~ +24V	+12V	+12V	+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)	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



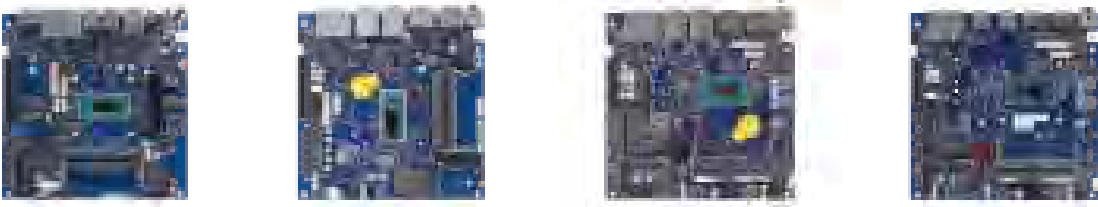
产品型号	ECM-EHL3	ECM-EHL	ECM-APL
处理器	Onboard Intel® Pentium®/Celeron®/ Atom™ SoC BGA Processor (with CPU Bottom Mounted)	Onboard Intel® Pentium®/Celeron®/ Atom™ SoC BGA Processor (with CPU Bottom Mounted)	Intel® Pentium®/ Celeron®/ Atom™ SoC Processor
系统芯片	N/A	N/A	N/A
系统内存	1 x 260-pin DDR4 3200MHz SODIMM, Supports up to 32GB (Non ECC Supported)	1 x 260-pin DDR4 3200MHz SODIMM, Supports up to 32GB (Non ECC Supported)	1 x 204-pin DDR3L 1600 & 1333MHz SO-DIMM Supports up to 8 GB SDRAM (Non-ECC)
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 (2242) B-Key 1 x M.2 (2230) E-Key 1 x M.2 (2260 for 2242) M-Key	1 x M.2 (2242) B-Key 1 x M.2 (2230) E-Key	1 x Mini PCIe (for PCIe & USB2.0) 1 x M.2 (2242) B-Key
存储	1 x M.2 (2242) B-Key 1 x M.2 (2260 for 2242) M-Key 1 x SATA III	1 x M.2 (2242) B-Key 1 x SATA III	1 x M.2 (M.2 support SATA or PCIe x1/ USB)
I/O	6 x USB 2.0, 2 x USB 3.1 Gen2 1 x SATA III, 4 x RS-232 2 x RS-232/422/485 1 x 8bit GPIO, 1 x e-SPI, 1 x SPI	4 x USB 2.0, 2 x USB 3.1 Gen2 1 x SATA III, 3 x RS-232 1 x RS-422/485 1 x 8bit GPIO, 1 x e-SPI	1 x USB 2.0, 4 x USB 3.0 1 x SATA III, 5 x RS-232 1 x RS-232/422/485 1 x Micro SIM Card Slot 1 x 8bit GPIO, 1 x LPC, 1 x SPI
显示芯片组	Intel® UHD Graphics for 10th Gen Intel® Processors 2x DP++, 1 x 2CH LVDS/ eDP (Default LVDS) Supports Triple Display	Intel® UHD Graphics for 10th Gen Intel® Processors HDMI, DP, eDP Supports Triple Display	Intel® HD Graphics 500 Supports Triple Display
分辨率	2 x DP++: 4096 x 2304 @ 60Hz Dual Channel 18/ 24bits LVDS: 1920 x 1080 @ 60Hz eDP: 4096 x 2160 @ 60Hz	HDMI: 4096 x 2160 @ 24Hz DP: 4096 x 2160 @ 60Hz eDP: 4096 x 2160 @ 60Hz	Dual HDMI: 3840 x 2160 @ 30Hz LVDS: 1920 x 1080 @ 60Hz
音频芯片组	Realtek Audio Codec Mic-in, Line-in, Line-out 2 x 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	1 x Intel® I226LM 2 x Intel® I210AT	2 x Intel® I226LM/ IT	2 x Intel® I210AT
电源信息	+9V ~ +36V	+9V ~ +36V	+12V ~ +24V
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) -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) (Optional for Wide Temperature)
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)

Mini-ITX 主板



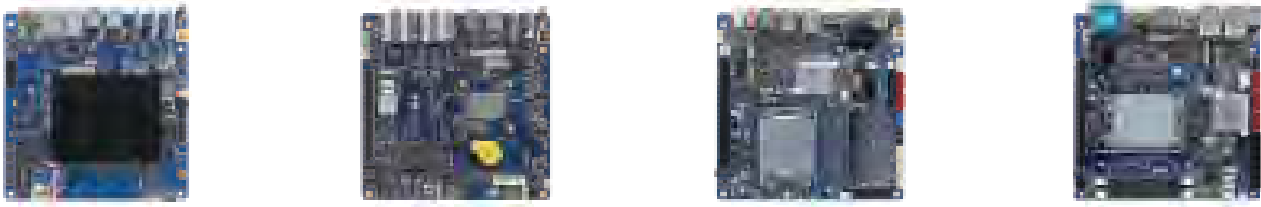
产品型号	EMX-W880P	EMX-R680P	EMX-C246P
处理器	LGA1851 Socket Supports Core™ Ultra Processors	LGA1700 Socket Supports 12/ 13th Gen. Intel® Core™ i9/ i7/ i5/ i3/ Pentium®/ Celeron® Processors	LGA1151 Socket Supports 8/ 9th Gen. Intel® Core™ i7/ i5/ i3/ Pentium®/ Celeron® Processors
系统芯片	Intel® W880 Chipsets	Intel® R680E Chipsets	Intel® C246 Chipset
系统内存	2 x 262-pin DDR5 6400MHz SO-DIMM Supports up to 64GB	2 x 262-pin DDR5 4800MHz SO-DIMM Supports up to 64GB	2 x 260-pin DDR4 2400/2666MHz SO-DIMM Supports up to 64GB (ECC Memory Supported by CPU)
扩展	1 x PCI-e x16 2 x M.2 M-Key 1 x M.2 E-Key	1 x PCI-e x16 1 x M.2 M-Key 1 x M.2 E-Key	1 x PCI-e x16 1 x M.2 M-Key 1 x M.2 E-Key
显示	Intel® Xe LPG Graphics Architecture CPU Integrated 1 x HDMI, 2 x DP (1 from Type C), LVDS/ eDP	Intel® 12/13th Gen. CPU Integrated 1 x HDMI, 2 x DP++, eDP, LVDS	Intel® 8/ 9th Gen. CPU Integrated VGA + HDMI + LVDS VGA + HDMI + HDMI
分辨率	DP 2.1: 7680 x 4320 @ 60Hz USB4 Type C at I/O with DP-alt Mode HDMI 2.1: 8K @ 60Hz Dual Channel 18/24bits LVDS: 1920 x 1080 or eDP: 1920 x 1080 @ 60Hz	HDMI 2.1b: 8K @ 60Hz DP++: 4096 x 2160 @ 60Hz Dual Channel 18/24bits LVDS: 1920 x 1080 eDP: 1920 x 1080 @ 60Hz	VGA: 2048 x 1536 @ 60Hz HDMI: 3840 x 2160 @ 30Hz 2560 x 1600 @ 30Hz Dual Channel 18/24-bits LVDS (Chrontel CH7511B eDP to LVDS) by BOM Option
音频	Realtek Audio Codec Mic-in, Line-out 2 x 3W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 2 x 2W Audio Amplifier	Realtek Audio Code 6W Audio Amplifier
以太网	1 x Intel® I210AT 1 x Intel® I226LM 2 x Intel® I226V	4 x Intel® I219LM	1 x Intel® I219LM 3 x Intel® I210AT
USB/ SATA/ 串口/ 网口	12/ 2/ 5/ 4	12/ 2/ 5/ 4	13/ 4/ 6/ 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 ~ 55°C (32°F ~ 131°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)
重量	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-TGLC
处理器	Onboard Intel® Core™ Ultra 7/ Ultra 5 BGA Processor, Supports TDP 15/28W	Onboard BGA 13th Gen. Intel® Core™ Processors P-series	Onboard BGA 11th Gen. Intel® Core™ Processors U-series	Onboard BGA 11th Gen. Intel® Core™ Processors U-series & Celeron®
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 96GB (Depending on Selected Memory Module)	2 x 262-pin DDR5 4800MHz SO-DIMM Supports up to 64GB	2 x 260-pin DDR4 3200MHz SO-DIMM Supports up to 64GB	2 x 260-pin DDR4 3200MHz SO-DIMM Supports up to 64GB
扩展	1 x M.2 B-Key 1 x M.2 E-Key 2 x M.2 M-Key	1 x M.2 B-Key 1 x M.2 E-Key	1 x M.2 B-Key 1 x M.2 E-Key	1 x PCI-e x4 1 x M.2 B-Key 1 x M.2 E-Key
显示	Intel® Xe LPG Graphics 2 x HDMI, 2 x DP (1 via Type C), 1 x LVDS, 1 x eDP (Maximum: 6 for Quadruple Independent Displays)	Intel® Iris® Xe/ UHD Graphics (Dependent on CPU) 2 x DP++, 2 x DP, eDP, LVDS (Maximum: 6 for Quadruple Independent Displays)	Intel® 11th Up3 SoC Processor Integrated 2 x DP++, 2 x DP, eDP, LVDS (Maximum: 6 for Quadruple Independent Displays)	Intel® 11th Up3 SoC Processor Integrated 2 x DP++, eDP, LVDS Triple Display
分辨率	2 x HDMI 2.0: 3840 x 2160 @ 60Hz 1 x DP1.4a: Max: 7680 x 4320 @ 60Hz 1 x USB Type C SUPPORT dp 1.4a: 4096 x 2160 @ 60Hz Dual Channel 18/24bits LVDS eDP: 3840 x 2169 @ 60Hz	2 x DP++ (DP1+DP2): 1920 x 1080 @ 60Hz 2 x DP (DP3+DP4): 5120 x 3200 @ 60 Hz (2 x DP++, 2 x DP, eDP, LVDS) Dual Channel 18/24bits LVDS: 1920 x 1080Hz eDP: 3840 x 2169 @ 60Hz	2 x DP++: 4096 x 2304 @ 60Hz DP: 4096 x 2304 @ 60Hz (2 x DP++, 2 x DP, eDP, LVDS) Dual Channel 18/24bits LVDS: 1920 x 1080Hz eDP: 4096 x 2304 @ 60Hz	2 x DP++: 4096 x 2304 @ 60Hz (2 x DP++, eDP, LVDS) Dual Channel 18/24bits LVDS: 1920 x 1080Hz eDP: 4096 x 2304 @ 60Hz
音频	Realtek Audio Codec Mic-in, Line-out 2 x 6W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 2 x 6W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 2 x 6W Audio Amplifier	Realtek Audio Codec Mic-in, Line-out 2 x 6W 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® I226LM/IT 1 x Intel® I219LM 2 x Intel® I210AT	1 x Intel® I226LM 1 x Intel® I219LM
USB/ SATA/ 串口/ 网口	11/ 2/ 6/ 2	8/ 2/ 6/ 4	8/ 2/ 6/ 4	8/ 2/ 6/ 2
电源信息	+12V ~ 24V	+12V ~ 24V	+12V ~ 24V	+12V ~ 24V
电源模式	DC-in	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) -20°C ~ 60°C (-4°F ~ 140°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)	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



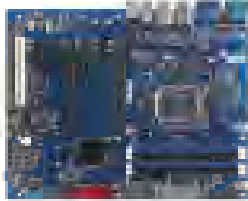
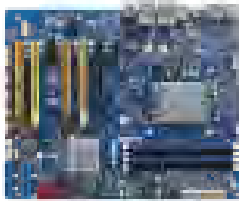
EMX-ASLP	EMX-EHLP	MX610HD	MX610H
Onboard BGA Intel® Processor N97, Intel® Core™ i3-N305 & Intel® Atom® x7000RE Series Processors	Intel® Pentium®/ Celeron®/ Atom™ SoC Processor	LGA1700 Socket Supports 12/ 13/14th Gen. Intel® Core™ i9/ i7/ i5/ i3/ Pentium®/ Celeron® Processors	LGA1700 Socket Supports 12/ 13/14th Gen. Intel® Core™ i9/ i7/ i5/ i3/ Pentium®/ Celeron® Processors
N/A	N/A	Intel® H610E Chipset	Intel® H610E Chipset
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 Processors Support IB ECC)	2 x 262-pin DDR5 4800MHz SO-DIMM Supports up to 64GB	2 x 262-pin DDR5 4800MHz SO-DIMM Supports up to 64G
1 x M.2 B-Key 1 x M.2 E-Key 1 x M.2 M-Key	1 x M.2 B-Key 1 x M.2 E-Key	1 x PCI-e x16 1 x M.2 M-Key 1 x M.2 E-Key	1 x PCI-e x16 1 x M.2 M-Key 1 x M.2 E-Key
Intel® UHD Graphics Integrated 1 x HDMI, 1 x DP, 1 x DP++, eDP, LVDS Triple Display	Intel® UHD Graphics for 10th Gen Intel® Processors Triple Display DP++, HDMI, LVDS (eDP by BOM Option)	Intel® Integrated UHD Graphic with Xe Architecture (CPU Dependent) HDMI + DP + LVDS	Intel® Integrated UHD Graphic with Xe Architecture (CPU Dependent) HDMI, DP++, LVDS
1 x HDMI 2.0b: 4096 x 2160 @ 60Hz 1 x DP: 4096 x 2160 @ 60Hz 1 x DP++: 1920 x 1080 @ 60Hz Dual Channel 18/24bits LVDS: 1920 x 1080Hz Co-lay eDP: 1920 x 1080 @ 60Hz	HDMI 2.0b: 4096 x 2160 @ 60Hz DP++: 4096 x 2160 @ 60Hz Dual Channel 18/24bits LVDS: 1920 x 1080 eDP: 4096 x 2160 @ 60Hz (BOM Optional)	HDMI: 3840 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz Dual Channel 18/24-bits LVDS: 1920 x 1080 @ 60Hz	HDMI: 3840 x 2160 @ 30Hz DP: 4096 x 2304 @ 60Hz Dual Channel 18/24-bits LVDS: 1920 x 1080 @ 60 Hz
Realtek Audio Codec Mic-in, Line-out 2 x 2W Audio Amplifier	Realtek Audio Code Mic-in, Line-out 2 x 6W Audio Amplifier	Realtek Audio Code 3W Audio Amplifier	Realtek Audio Code 3W Audio Amplifier
1 x Intel® I226V or 1 x Intel® I226IT	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	10/ 3/ 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)	0°C ~ 60°C (32°F ~ 140°F) -20°C ~ 60°C (-8°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)
0.53 lbs (0.24 kg)	0.88 lbs (0.4 kg)	0.88 lbs (0.4 kg)	0.88 lbs (0.4 kg)

Micro-ATX 主板



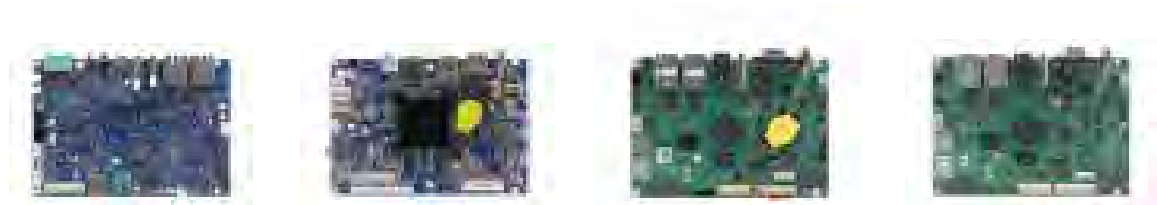
产品型号	RX680R	ERX-W480P
处理器	Intel® LGA1700 Socket Supports 12/13/14th Gen. Intel® Core™ i9/i7/i5/i3/ Pentium®/ Celeron® Processors, up to 65W Max	Intel® LGA1200 Socket Supports 10th Gen. Intel® Xeon® (Workstation)/ Core™, Pentium®/ Celeron® Processors (Max. TDP at 95W)
系统芯片	Intel® R680E Chipsets	Intel® W480E Chipset
系统内存	4 x DIMM up to 128GB Max Dual Channel DDR5 4400 MHz with ECC Support (ECC Memory Supported by CPU)	4 x 288-pin DDR4 2400 ~ 2933MHz DIMM Supports up to 128GB (ECC Memory Supported by CPU)
扩展	1 x Gen 5 PCIe x16 2 x Gen 4 PCIe x4 1 x Gen 3 PCIe x4 Open Ended	2 x PCI-e x16 (1 x PCI-e x16 or 2 x PCIe-x8), 2 x PCI-e x4
显示	Intel® 12/13th Gen. CPU Integrated DP++/ LVDS Four Independent Displays	Intel® 10th Gen. CPU Integrated VGA/ HDMI/DP++ / LVDS Triple Display
分辨率	4 x DP (1.4a): Max Resolution 4K @ 60Hz LVDS: 1920 x 1080Hz Dual Channel 18/24-bits	VGA: 2048 x 1536 @ 60Hz HDMI 2.0a: 4096 x 2304 @ 60Hz DP++: 4096 x 2304 @ 60Hz LVDS: 1920 x 1080 Dual Channel 18/24-bits
音频	Realtek Audio Code Mic-in, Line-out 3W Amplifier	Realtek Audio Code Line-in, Mic-in, Line-out 6W Amplifier
以太网	2 x Intel® i225-LM	1 x Intel® i219LM 1 x Intel® i210AT 2 x Intel® i225LM
USB/ SATA/ 串口/ 网口	17/ 4/ 6/ 2	14/ 4/ 6/ 4
电源信息	+12V/ +5V/ 5VSB/ +3.3V/ -12V	+12V/ +5V/ 5VSB/ +3.3V/ -12V
电源模式	AT/ ATX	AT/ ATX
工作温度	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)
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)
重量	1.45 lbs (0.66 kg)	1.35 lbs (0.6 kg)

ATX 主板



BC680R	EAX-R680FP	EAX-W480P	EAX-C246P
Intel® LGA1700 Socket Supports 12/13/14th Gen. Intel® Core™ i9/i7/i5/i3/ Pentium®/ Celeron® Processors, up to 65W Max	12/13/14th Gen. Intel® Core™ i9/i7/i5/i3 Processors, Supports LGA 1700 CPU up to 125W Max	Intel® LGA1200 Socket Supports 10th Gen. Intel® Xeon® (Workstation)/ Core™, Pentium®/ Celeron® Processors	Intel® LGA1151 Socket Supports 8/9th Gen. Intel® Xeon® (Workstation)/Core™, Pentium®/ Celeron® Processors
Intel® R680E Chipset	Intel® R680E Chipset	Intel® W480E Chipset	Intel® C246 Chipset
4 x DIMM up to 128GB Max Dual Channel DDR5 4400MHz with ECC Support (ECC Memory Supported by CPU)	4 x 288-Pin DDR4 3200MHz U-DIMM Socket Supports Up to 128GB (ECC Memory Support by CPU)	4 x 288-pin DDR4 400~2933MHz DIMM Supports up to 128GB (ECC Memory Supported by CPU)	4 x 288-pin DDR4 400/2666MHz DIMM Supports up to 128GB (ECC Memory Supported by CPU)
1 x Gen 5 PCIe x16 2 x Gen 4 PCIe x4 1 x Gen 3 PCIe x4 1 x Gen 3 PCIe x1 2 x Gen 3 PCIe x1 Open Ended	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)	1 x PCI-e x16 or 2 x PCI-e x8 4 x PCI-e x4	1 x PCI, 1 x PCI-e x16 or 2 x PCI-e x8 by BOM 1 x PCI-e x4, 3 x PCI-e x1 1 x M.2 M-Key, 1 x M.2 A-Key
Intel® 12/13th Gen. CPU Integrated DP++/ HDMI Four Independent Displays	Intel® 12th/13/14th Generation CPU Integrated DP++/ HDMI Triple Display	Intel® 10th Gen. CPU Integrated DVI-D + DP++ + DP++	Intel® 8/ 9th Gen. CPU Integrated VGA + HDMI + DP
2 x DP (1.4a): Max Resolution 4K @ 60Hz) 2 x HDMI (2.0b): 4K @ 60Hz	2 x DP (DP1.4a): Max (Combined): 7680 x 4320 @ 60Hz (DP++ Via dongle: 1920 x 1080 @ 60 Hz) 1 x HDMI (HDMI 2.0b): Max Resolution 4K x 2K @ 60Hz (With HDR)	DVI-D: 2048 x 1536 @ 60Hz DP++: 3840 x 2160 @ 60Hz	VGA: 2048 x 1536 @ 60Hz HDMI: 3840 x 2160 @ 30Hz, 2560 x 1600 @ 30Hz DP: 4096 x 2304 @ 60Hz
Realtek Audio Code Mic-in, Line-out 6W Amplifier	Realtek Audio Code Mic-in, Line-out 6W 8Ω Amplifier	N/A	Realtek Audio Code Mic-in, Line-in, Line-out 1 x 6W Audio Amplifier
2 x Intel® i225-LM	2 x Intel® i225LM	1 x Intel® i225V 1 x Intel® i219LM 1 x Intel® i210AT	1 x Intel® i219LM 1 x Intel® i210AT
17/ 4/ 6/ 2	14/ 4/ 6/ 2	12/ 4/ 10/ 3	14/ 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 ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)
12" x 9.6" (304.8 x 243.84 mm)	12" x 9.6" (304.8mm x 243.84mm)	12" x 9.6" (304.8 x 243.84 mm)	12" x 9.6" (304.8 x 243.84 mm)
1.85lbs (0.84 kg)	1.54lbs (0.7 kg)	1.32 lbs (0.6 kg)	1.32 lbs (0.6 kg)

基于ARM的SBC主板



产品型号	RSC-IMX8M	RSC-IMX61	RSC-3576	RSC-3568J
处理器	NXP i.MX8M Cortex-A53 Quad Core 1.3GHz; Cortex-M4 Core Processor	NXP i.MX 6 Dual Lite NXP i.MX 6 Quad Core	Rockchip RK3576 Quad-core Cortex-A72 and Quad-core Cortex-A53	Rockchip RK3568J Quad-core Cortex-A55 1.8GHz
系统内存	2GB DDR4 (4GB Optional)	1GB/ 2GB DDR3	4GB (8G/ 16G Optional)	2GB/ 4GB LPDDR4
存储	16GB eMMC (Expandable to 64GB Max)	8GB eMMC	32GB (16 ~ 128G Optional)	32GB/ 64GB eMMC
外部I/O连接器	1 x USB 3.0 Type A 2 x Gigabit LAN 1 x HDMI 2.0 In 1 x USB 3.0 Type C (Data Only) 1 x Micro SD Slot 1 x Headphone Jack 1 x Reset 1 x Power LED 1 x DC Jack + 1 x 1x2P Connector Power Connector Type	1 x DC Jack 1 x HDMI 2.0 In 1 x Line-out 1 x Micro SD Slot 1 x Power LED 1 x Reset 2 x USB 2.0 Type A 1 x Jack for I/R Extender Cable, Co-design (Optional)	2 x RJ45 (10/100/1000M) 1 x HDMI 1 x USB3.0 Type A 1 x USB2.0 Type A 1 x SATA 3.0 1 x SATA Power 1 x M.2 1 x Speaker 1 x Micro Sim Slot 1 x Micro SD	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
内部I/O连接器	1 x Front Panel 1 x Backlight 1 x TAG 1 x MIPI CSI 1 x LVDS 1 x I²C 1 x USB2.0 (1x5P Header) 2 x M.2 Key E Socket (For WIFI/ BT)/ M.2 Key B Socket + SIM Socket (For LTE) 2 x Speaker out (1x2P Header) 1 x Line-out 1 x Power LED 1 x RTC Battery 1 x SIM Card Slot 1 x Mic-in 1 x Extend Connector (for Option Expansion I/O Board (EX:RS232/ 485/ GPIO/ CAN)	1 x Backlight 1 x CAN 1 x I²C 1 x Line-out 1 x LVDS 1 x Micro USB 1 x RS232 1 x RS232/422/485 Debug 1 x RTC Battery 1 x SATA 1 x USB 2.0 1 x USB 2.0 Type B OTG 1 x USB Touch Interface	WiFi IEEE 802.11b/g/n/ac BT4.2 (Optional 5.0) 1 x 3G/4G LTE Mini PCIE (Optional) 2 x RS232 2 x RS485 1 x CAN 1 x GPIO 1 x LVDS 1 x eDP 1 x Backlight 2 x USB 2.0 1 x I²C for TP 1 x WiFi + BT Antenna	1 x Backlight 2 x CAN 1 x Debug 1 x eDP 5 x GPIO 1 x I²C 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
电源信息	DC 12V ~ 24V	DC 12V ~ 26V	DC 9 ~ 24V	DC 12V ~ 24V
工作温度	-40 ~ 85°C	-20 ~ 85°C	-5 ~ 70°C -40 ~ 85°C (optional)	-40 ~ 85°C
存储温度	-40 ~ 85°C	-40 ~ 85°C	-40 ~ 85°C	-40 ~ 85°C
尺寸(长 x 宽)	146 x 102 mm	146 x 102 mm	146 x 101 mm	146 x 101 mm
重量	0.15 kg	0.15 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	Android 9.0/ 10 Yocto 2.5	Android 4.4/ 6.0 Yocto 2.1	Andriod/ Yocto/ Debian	Android 13 Debian 11

基于ARM的SBC主板



» 2.5" SBC
Pico-ITX

» 1.8" SBC

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)	2 GB	2 GB
存储	4GB eMMC	32 GB eMMC	Support UFS 3.1, Default 128 GB	16 GB eMMC	8 GB 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 HDMI 2.0 Out 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 2.0 Type B 1 x USB 2.0 Type B OTG 1 x USB 3.0 Type A 1 x PWR IN	1 x 10/100/1000 RJ45 Powered LAN 1 x Audio Jack TRS 1 x HDMI 2.0 Out 4 x USB 2.0 Type B 1 x USB 3.0 Type C 1 x DC in
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 WiFi/ BT Antenna 2 x I²C	WiFi 802.11ax Wifi 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-CSI2 for 4-lanes Camera, Reference to IMX577 1 x UART	1 x BT4.0 28 x GPIO 1 x TF Card 1 x WIFI 802.11 a/b/g/n/ac 1 x MIPI CSI 1 x MIPI DSI	1 x BT4.0 40 x GPIO 1 x MIPI CSI 1 x MIPI DSI 1 x USB Wifi/ BT Port
电源信息	DC 12V ~ 24V	DC 12V	DC 12V	DC 5V	DC 5V
工作温度	-20 ~ 85°C	-5 ~ 70°C	-20 ~ 70°C	-5 ~ 60°C	-20 ~ 85°C
存储温度	-40 ~ 85°C	-40 ~ 85°C	-40 ~ 85°C	-40 ~ 85°C	-40 ~ 85°C
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	Andriod 11	Ubuntu/ Yocto/ Debian/ Andriod	Debian 11	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	EAX- R680FP	EAX- W480P	EAX-C246P	RX680R	ERX- W480P	MX610HD	MX610H	EMX- W880P	EMX- R680P	EMX- C246P	ECM-ADLS	ECM-CFS
Intel® Core™ i9 processor 14901KE	125W	8	16	-	3.8GHz	-	5.8GHz		-	V	-	-	-	-	-	-	-	-	-	-	-
Intel® Core™ i9 processor 14901E	65W	8	16	-	2.8GHz	-	5.6GHz		-	V	-	-	-	-	V	V	-	-	-	-	-
Intel® Core™ i9 processor 14901TE	45W	8	16	-	2.3GHz	-	5.5GHz		-	V	-	-	-	-	V	V	-	-	-	-	-
Intel® Core™ i7 processor 14701E	65W	8	16	-	2.6GHz	-	5.4GHz		-	V	-	-	-	-	V	V	-	-	-	-	-
Intel® Core™ i7 processor 14701TE	45W	8	16	-	2.1GHz	-	5.2GHz		-	V	-	-	-	-	V	V	-	-	-	-	-
Intel® Core™ i5 processor 14501E	65W	6	12	-	3.3GHz	-	5.2GHz		-	V	-	-	-	-	V	V	-	-	-	-	-
Intel® Core™ i5 processor 14501TE	45W	6	12	-	2.2GHz	-	5.1GHz		-	V	-	-	-	-	V	V	-	-	-	-	-
Intel® Core™ i5 processor 14401E	65W	6	12	-	2.5GHz	-	4.7GHz		-	V	-	-	-	-	V	V	-	-	-	-	-
Intel® Core™ i5 processor 14401TE	45W	6	12	-	2.0GHz	-	4.5GHz		-	V	-	-	-	-	V	V	-	-	-	-	-
Intel® Core™ i9 processor 14900K	125W	24	32	-	3.2GHz	2.4GHz	6.0GHz		-	V	-	-	-	-	-	-	-	-	-	-	-
Intel® Core™ i9 processor 14900	65W	24	32	-	2.0GHz	1.5GHz	5.8GHz		V	V	-	-	V	-	V	V	-	-	-	-	-
Intel® Core™ i9 processor 14900T	35W	24	32	-	1.1GHz	0.8GHz	5.5GHz		V	V	-	-	V	-	V	V	-	-	-	-	-
Intel® Core™ i7 processor 14700	65W	20	28	-	2.1GHz	1.5GHz	5.4GHz		V	V	-	-	V	-	V	V	-	-	-	-	-
Intel® Core™ i7 processor 14700T	35W	20	28	-	1.3GHz	0.9GHz	5.2GHz		V	V	-	-	V	-	V	V	-	-	-	-	-
Intel® Core™ i5 processor 14500	65W	14	20	-	2.6GHz	1.9GHz	5.0GHz		V	V	-	-	V	-	V	V	-	-	-	-	-
Intel® Core™ i5 processor 14500T	35W	14	20	-	1.7GHz	1.2GHz	4.8GHz		V	V	-	-	V	-	V	V	-	-	-	-	-
Intel® Core™ i5 processor 14400	65W	10	16	-	2.5GHz	1.8GHz	4.7GHz		V	V	-	-	V	-	V	V	-	-	-	-	-
Intel® Core™ i5 processor 14400T	35W	10	16	-	1.5GHz	1.1GHz	4.5GHz		V	V	-	-	V	-	V	V	-	-	-	-	-
Intel® Core™ i3 processor 14100	60W	4	8	-	3.5GHz	-	4.7GHz		V	V	-	-	V	-	V	V	-	-	-	-	-
Intel® Core™ i3 processor 14100T	35W	4	8	-	2.7GHz	-	4.4GHz		V	V	-	-	V	-	V	V	-	-	-	-	-
Intel® Processor 300	46W	2	4	-	3.9GHz	-	-		V	V	-	-	V	-	-	-	-	-	-	-	-
Intel® Processor 300T	35W	2	4	-	3.4GHz	-	-		V	V	-	-	V	-	-	-	-	-	-	-	-
Intel® Core™ i9-13900K Processor	125W	24	32	-	3.0GHz	2.2GHz	5.8GHz		-	V	-	-	-	-	-	-	-	V	-	-	-
Intel® Core™ i9-13900 Processor	65W	24	32	-	2.0GHz	1.5GHz	5.6GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i9-13900E Processor	65W	24	32	1.8GHz	1.8GHz	1.3GHz	5.2GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i9-13900TE Processor	35W	24	32	1.0GHz	1.0GHz	0.8GHz	5.0GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i7-13700 Processor	65W	16	24	-	2.1GHz	1.5GHz	5.2GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i7-13700E Processor	65W	16	24	1.9GHz	1.9GHz	1.3GHz	5.1GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i7-13700T Processor	35W	16	24	-	1.4GHz	1.0GHz	4.9GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i7-13700TE Processor	35W	16	24	-	1.1GHz	0.8GHz	4.8GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i5-13500 Processor	65W	14	20	-	2.5GHz	1.8GHz	4.8GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i5-13500E Processor	65W	14	20	2.4GHz	2.4GHz	1.5GHz	4.6GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i5-13500T Processor	35W	14	20	-	1.6GHz	1.2GHz	4.6GHz		V	V	-	-	V	-	V	V	-	V	-	V	-
Intel® Core™ i5-13500TE Processor	35W	14	20	1.3GHz	1.3GHz	1.1GHz	4.5GHz		V	V	-	-	V	-	V	V	-	V	-	V	-
Intel® Core™ i5-13400 Processor	65W	10	16	-	2.5GHz	1.8GHz	4.6GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i5-13400E Processor	65W	10	16	2.4GHz	2.4GHz	1.5GHz	4.6GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i3-13100 Processor	60W	4	8	-	3.4GHz	-	4.5GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i3-13100F Processor	58W	4	8	-	3.4GHz	-	4.5GHz		-	V	-	-	-	-	-	-	-	V	-	-	-
Intel® Core™ i3-13100T Processor	35W	4	8	-	2.5GHz	-	4.2GHz		V	V	-	-	V	-	V	V	-	V	-	V	-
Intel® Core™ i3-13100TE Processor	35W	4	8	2.4GHz	2.4GHz	-	4.1GHz		V	V	-	-	V	-	V	V	-	V	-	V	-
Intel® Core™ i3-13100E Processor	60W	4	8	3.3GHz	3.3GHz	-	4.4GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i9-12900K Processor	125W	16	24	-	3.2GHz	2.4GHz	5.2GHz		-	V	-	-	-	-	-	-	-	V	-	-	-
Intel® Core™ i9-12900 Processor	65W	16	24	-	2.4GHz	1.8GHz	5.1GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i9-12900E Processor	65W	16	24	-	2.3GHz	1.7GHz	5.0GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i9-12900TE Processor	35W	16	24	-	1.1GHz	1.0GHz	4.8GHz		V	V	-	-	V	-	V	V	-	V	-	V	-
Intel® Core™ i7-12700 Processor	65W	12	20	-	2.1GHz	1.6GHz	4.9GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i7-12700E Processor	65W	12	20	-	2.1GHz	1.6GHz	4.8GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i7-12700TE Processor	35W	12	20	-	1.4GHz	1.0GHz	4.6GHz		V	V	-	-	V	-	V	V	-	V	-	V	-
Intel® Core™ i5-12500 Processor	65W	6	12	-	3.0GHz	-	4.6GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i5-12500E Processor	65W	6	12	-	2.9GHz	-	4.5GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i5-12500TE Processor	35W	6	12	-	1.9GHz	-	4.3GHz		V	V	-	-	V	-	V	V	-	V	-	V	-

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.

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	EAX-R680FP	EAX-W480P	EAX-C246P	RX680R	ERX-W480P	MX610HD	MX610H	EMX-W880P	EMX-R680P	EMX-C246P	ECM-ADLS	ECM-CFS
Intel® Core™ i5-12400 Processor	65W	6	12	-	2.5GHz	-	4.4GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i3-12100 Processor	60W	4	8	-	3.3GHz	-	4.3GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i3-12100E Processor	60W	4	8	-	3.2GHz	-	4.2GHz		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Core™ i3-12100TE Processor	35W	4	8	-	2.1GHz	-	4.0GHz		V	V	-	-	V	-	V	V	-	V	-	V	-
Intel® Pentium® Gold G7400E Processor	46W	2	4	-	3.6GHz	-	-		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Pentium® Gold G7400TE Processor	35W	2	4	-	3.0GHz	-	-		V	V	-	-	V	-	V	V	-	V	-	V	-
Intel® Pentium® Gold G7400 Processor	46W	2	4	-	3.7GHz	-	-		-	V	-	-	-	-	-	-	-	V	-	-	-
Intel® Pentium® Gold G7400T Processor	35W	2	4	-	3.1GHz	-	-		-	V	-	-	-	-	-	-	-	V	-	V	-
Intel® Celeron® Processor G6900	46W	2	2	-	3.4GHz	-	-		-	V	-	-	-	-	-	-	-	V	-	-	-
Intel® Celeron® Processor G6900T	35W	2	2	-	2.8GHz	-	-		-	V	-	-	-	-	V	V	-	V	-	V	-
Intel® Celeron® Processor G6900E	46W	2	2	-	3.0GHz	-	-		V	V	-	-	V	-	V	V	-	V	-	-	-
Intel® Celeron® Processor G6900TE	35W	2	2	-	2.4GHz	-	-		V	V	-	-	V	-	V	V	-	V	-	V	-
Intel® Xeon® W-1290E Processor	95W	10	20	3.5GHz	-	-	4.8GHz		-	-	V	-	-	V	-	-	-	-	-	-	-
Intel® Xeon® W-1270E Processor	80W	8	16	3.4GHz	-	-	4.8GHz		-	-	V	-	-	V	-	-	-	-	-	-	-
Intel® Xeon® W-1250E Processor	80W	6	12	3.5GHz	-	-	4.7GHz		-	-	V	-	-	V	-	-	-	-	-	-	-
Intel® Xeon® W-1250TE Processor	35W	6	12	2.4GHz	-	-	3.8GHz		-	-	V	-	-	V	-	-	-	-	-	-	-
Intel® Xeon® W-1270TE Processor	35W	8	16	2.0GHz	-	-	4.4GHz		-	-	V	-	-	V	-	-	-	-	-	-	-
Intel® Xeon® W-1290TE Processor	35W	10	20	1.8GHz	-	-	4.5GHz		-	-	V	-	-	V	-	-	-	-	-	-	-
Intel® Core™ i9-10900TE Processor	35W	10	20	1.8GHz	-	-	4.5GHz		-	-	V	-	-	v	-	-	-	-	-	-	-
Intel® Core™ i9-10900E Processor	65W	10	20	2.8GHz	-	-	4.7GHz		-	-	V	-	-	v	-	-	-	-	-	-	-
Intel® Core™ i7-10700TE Processor	35W	8	16	2.0GHz	-	-	4.4GHz		-	-	V	-	-	v	-	-	-	-	-	-	-
Intel® Core™ i7-10700E Processor	65W	8	16	2.9GHz	-	-	4.5GHz		-	-	V	-	-	v	-	-	-	-	-	-	-
Intel® Core™ i5-10500TE Processor	35W	6	12	2.3GHz	-	-	3.7GHz		-	-	V	-	-	v	-	-	-	-	-	-	-
Intel® Core™ i5-10500E Processor	65W	6	12	3.1GHz	-	-	4.2GHz		-	-	V	-	-	v	-	-	-	-	-	-	-
Intel® Core™ i3-10100E Processor	65W	4	8	3.2GHz	-	-	3.8GHz		-	-	V	-	-	-	-	-	-	-	-	-	-
Intel® Core™ i3-10100TE Processor	35W	4	8	2.3GHz	-	-	3.6GHz		-	-	V	-	-	-	-	-	-	-	-	-	-
Intel® Pentium® Gold G6400E Processor	58W	2	4	3.8GHz	-	-	-		-	-	V	-	-	V	-	-	-	-	-	-	-
Intel® Pentium® Gold G6400TE Processor	35W	2	4	3.2GHz	-	-	-		-	-	V	-	-	-	-	-	-	-	-	-	-
Intel® Celeron® Processor G5900E	58W	2	2	3.2GHz	-	-	-		-	-	V	-	-	V	-	-	-	-	-	-	-
Intel® Celeron® Processor G5900TE	35W	2	2	3.0GHz	-	-	-		-	-	V	-	-	V	-	-	-	-	-	-	-
Intel® Xeon® E-2278GEL Processor	35 W	8	16	2.0GHz	-	-	3.9GHz		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Xeon® E-2226GE Processor	80 W	6	6	3.4GHz	-	-	4.6GHz		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Xeon® E-2124G Processor	71 W	4	4	3.4GHz	-	-	4.5GHz		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Xeon® E-2176G Processor	80 W	6	12	3.7GHz	-	-	4.7GHz		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Core™ i7-9700TE Processor	35 W	8	8	1.8GHz	-	-	3.8GHz		-	-	-	V	-	-	-	-	-	-	V	-	V
Intel® Core™ i7-9700E Processor	65 W	8	8	2.6GHz	-	-	4.4GHz		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Core™ i7-8700T Processor	35 W	6	12	2.4GHz	-	-	4.0GHz		-	-	-	V	-	-	-	-	-	-	V	-	V
Intel® Core™ i7-8700 Processor	65 W	6	12	3.2GHz	-	-	4.6GHz		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Core™ i5-9500TE Processor	35 W	6	6	2.2GHz	-	-	3.6GHz		-	-	-	V	-	-	-	-	-	-	V	-	V
Intel® Core™ i5-9500E Processor	65 W	6	6	3.0GHz	-	-	4.2GHz		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Core™ i5-8500T Processor	35 W	6	6	2.1GHz	-	-	3.5GHz		-	-	-	V	-	-	-	-	-	-	V	-	V
Intel® Core™ i5-8500 Processor	65 W	6	6	3.0GHz	-	-	4.1GHz		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Core™ i3-9100TE Processor	35 W	4	4	2.2GHz	-	-	3.2GHz		-	-	-	V	-	-	-	-	-	-	V	-	V
Intel® Core™ i3-9100E Processor	65 W	4	4	3.1GHz	-	-	3.7GHz		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Core™ i3-8100T Processor	35 W	4	4	3.1GHz	-	-	-		-	-	-	V	-	-	-	-	-	-	V	-	V
Intel® Core™ i3-8100 Processor	65 W	4	4	3.6GHz	-	-	-		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Celeron® G4900 Processor	54 W	2	2	3.1GHz	-	-	-		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Celeron® G4900T Processor	35 W	2	2	2.9GHz	-	-	-		-	-	-	V	-	-	-	-	-	-	V	-	V
Intel® Pentium® Gold G5400 Processor	58 W	2	4	3.7GHz	-	-	-		-	-	-	V	-	-	-	-	-	-	V	-	-
Intel® Pentium® Gold G5400T Processor	35 W	2	4	3.1GHz	-	-	-		-	-	-	V	-	-	-	-	-	-	V	-	V

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CPU 列表

英特尔® 酷睿处 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	EMX-RPLP	EMX-TGLP	EMX-TGLC	ECM-MTL	ECM-RPL	ECM-TGU	ECM-TGUC	ESM-RPL	ESM-TGH	ESM-RPLC
Intel® Core™ Ultra 7 Processor 165H	28W	16	22	-	1.4GHz	0.9GHz	5.0GHz		V	-	-	-	V	-	-	-	-	-	-
Intel® Core™ Ultra 7 Processor 155H	28W	16	22	-	1.4GHz	0.9GHz	4.8GHz		V	-	-	-	V	-	-	-	-	-	-
Intel® Core™ Ultra 5 Processor 135H	28W	14	18	-	1.7GHz	1.2GHz	4.6GHz		V	-	-	-	V	-	-	-	-	-	-
Intel® Core™ Ultra 5 Processor 125H	28W	14	18	-	1.2GHz	0.7GHz	4.5GHz		V	-	-	-	V	-	-	-	-	-	-
Intel® Core™ Ultra 7 Processor 165U	15W	12	14	-	1.7GHz	1.2GHz	4.9GHz		V	-	-	-	V	-	-	-	-	-	-
Intel® Core™ Ultra 7 Processor 155U	15W	12	14	-	1.7GHz	1.2GHz	4.8GHz		V	-	-	-	V	-	-	-	-	-	-
Intel® Core™ Ultra 5 Processor 135U	15W	12	14	-	1.6GHz	1.1GHz	4.4GHz		V	-	-	-	V	-	-	-	-	-	-
Intel® Core™ Ultra 5 Processor 125U	15W	12	14	-	1.3GHz	0.8GHz	4.3GHz		V	-	-	-	V	-	-	-	-	-	-
Intel® Core™ i7-1365UE Processor	15W	10	12	1.7GHz	-	-	4.9GHz		-	V	-	-	-	V	-	-	-	-	V
Intel® Core™ i5-1335UE Processor	15W	10	12	1.3GHz	-	-	4.5GHz		-	V	-	-	-	V	-	-	-	-	V
Intel® Core™ i3-1315UE Processor	15W	6	8	1.2GHz	-	-	4.5GHz		-	V	-	-	-	V	-	-	-	-	V
Intel® Processor U300E	15W	5	6	1.1GHz	-	-	4.3GHz		-	V	-	-	-	V	-	-	-	-	V
Intel® Core™ i7-1365URE Processor	15W	10	12	1.7GHz	-	-	4.9GHz		-	V	-	-	-	V	-	-	V	-	V
Intel® Core™ i5-1345URE Processor	15W	10	12	1.4GHz	-	-	4.6GHz		-	V	-	-	-	V	-	-	-	-	V
Intel® Core™ i3-1315URE Processor	15W	6	8	1.2GHz	-	-	4.5GHz		-	V	-	-	-	V	-	-	-	-	V
Intel® Core™ i7-1370PE Processor	28W	14	20	1.9GHz	-	-	4.8GHz		-	-	-	-	-	V	-	-	-	-	-
Intel® Core™ i5-1340PE Processor	28W	12	16	1.8GHz	-	-	4.5GHz		-	V	-	-	-	V	-	-	V	-	V
Intel® Core™ i3-1320PE Processor	28W	8	12	1.7GHz	-	-	4.5GHz		-	V	-	-	-	V	-	-	-	-	-
Intel® Core™ i7-1370PRE Processor	28W	14	20	1.9GHz	-	-	4.8GHz		-	-	-	-	-	V	-	-	V	-	V
Intel® Core™ i5-1350PRE Processor	28W	12	16	1.8GHz	-	-	4.6GHz		-	V	-	-	-	V	-	-	V	-	V
Intel® Core™ i3-1320PRE Processor	28W	8	12	1.7GHz	-	-	4.5GHz		-	V	-	-	-	V	-	-	-	-	V
Intel® Core™ i5-13600HE Processor	45W	12	16	2.7GHz	-	-	4.8GHz		-	V	-	-	-	-	-	-	V	-	-
Intel® Core™ i5-13600HRE Processor	45W	12	16	2.7GHz	-	-	4.8GHz		-	-	-	-	-	-	-	-	V	-	-
Intel® Core™ i7-1185G7E Processor	12-28W	4	8	1.8GHz	-	-	4.4GHz		-	-	V	-	-	-	V	-	-	-	-
Intel® Core™ i7-1185GRE Processor	12-28W	4	8	1.8GHz	-	-	4.4GHz		-	-	V	-	-	-	V	-	-	-	-
Intel® Core™ i5-1135G7 Processor	12-28W	4	8	0.9GHz*	-	-	4.2GHz		-	-	-	V	-	-	-	V	-	-	-
Intel® Core™ i5-1145G7E Processor	12-28W	4	8	1.5GHz	-	-	4.1GHz		-	-	V	-	-	-	V	-	-	-	-
Intel® Core™ i5-1145GRE Processor	12-28W	4	8	1.5GHz	-	-	4.1GHz		-	-	V	-	-	-	V	-	-	-	-
Intel® Core™ i3-1115G4 Processor	12-28W	2	4	1.7GHz*	-	-	4.1GHz		-	-	-	V	-	-	-	V	-	-	-
Intel® Core™ i3-1115G4E Processor	12-28W	2	4	2.2GHz	-	-	3.9GHz		-	-	V	-	-	-	V	-	-	-	-
Intel® Core™ i3-1115GRE Processor	12-28W	2	4	2.2GHz	-	-	3.9GHz		-	-	V	-	-	-	V	-	-	-	-
Intel® Celeron® 6305E Processor	15W	2	2	1.8GHz	-	-	-		-	-	V	-	-	-	V	-	-	-	-
Intel® Core™ i7-11850HE Processor	45W	8	16	2.1GHz*	-	-	4.7GHz		-	-	-	-	-	-	-	-	-	V	-
Intel® Core™ i5-11500HE Processor	45W	6	12	2.1GHz*	-	-	4.5GHz		-	-	-	-	-	-	-	-	-	V	-
Intel® Core™ i3-11100HE Processor	45W	4	8	1.9GHz*	-	-	4.4GHz		-	-	-	-	-	-	-	-	-	V	-
Intel® Celeron® 6600HE Processor	35W	2	2	2.6GHz*	-	-	-		-	-	-	-	-	-	-	-	-	V	-
Intel® Xeon® W-11865MRE Processor	45W	8	16	2.1GHz*	-	-	4.7GHz		-	-	-	-	-	-	-	-	-	V	-
Intel® Xeon® W-11155MRE Processor	45W	4	8	1.9GHz*	-	-	4.4GHz		-	-	-	-	-	-	-	-	-	V	-

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CPU 列表

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"	Max Turbo Frequency	EMX-ASLP	EMX-EHLP	ECM-ASL	ECM-EHL3		ECM-EHL	ECM-APL	EPX-ASLP	EPX-EHLP	EPX-APLP	EZX-EHLP	ESM-ASLC	ESM-EHLC	ESM-APLC	ESM-APLM	EQM-EHL	EQM-APL
Intel Atom® x7211RE Processor	9W	2	-	1.0GHz	3.2GHz	V	-	V	-		-	-	V	-	-	-	V	-	-	-	-	-
Intel Atom® x7213RE Processor	9W	2	-	1.7GHz	3.4GHz	V	-	V	-		-	-	V	-	-	-	V	-	-	-	-	-
Intel Atom® x7433RE Processor	9W	4	-	1.5GHz	3.4GHz	V	-	V	-		-	-	-	-	-	-	V	-	-	-	-	-
Intel Atom® x7835RE Processor	12W	8	-	1.3GHz	3.6GHz	V	-	V	-		-	-	V	-	-	-	V	-	-	-	-	-
Intel® Processor N97	6W	4	-	2.0GHz	3.6GHz	V	-	V	-		-	-	V	-	-	-	-	-	-	-	-	-
Intel® Core™ i3-N305 Processor	15W	8	8	1.0GHz	3.8GHz	V	-	V	-		-	-	-	-	-	-	-	-	-	-	-	-
Intel Atom® x6425RE Processor	12 W	4	4	1.9GHz	-	-	V	-	V		V	-	-	-	-	-	-	V	-	-	-	-
Intel Atom® x6414RE Processor	9 W	4	4	1.5GHz	-	-	-	-	-		V	-	-	-	-	-	-	V	-	-	-	-
Intel Atom® x6212RE Processor	6 W	2	2	1.2GHz	-	-	-	-	-		-	-	-	-	-	V	-	-	-	-	-	-
Intel Atom® x6211E Processor	6 W	2	2	1.3GHz	-	-	-	-	V		V	-	-	V	-	V	-	-	-	-	V	-
Intel Atom® x6425E Processor	12 W	4	4	2.0GHz	-	-	-	-	V		V	-	-	-	-	-	-	V	-	-	-	-
Intel Atom® x6413E Processor	9 W	4	4	1.5GHz	-	-	V	-	V		V	-	-	V	-	V	-	V	-	-	V	-
Intel® Pentium® Processor J6426	10 W	4	4	2.0GHz	-	-	-	-	V		V	-	-	-	-	-	-	-	-	-	-	-
Intel® Pentium® Processor N6415	6.5 W	4	4	1.2GHz	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	V	-
Intel® Celeron® Processor J6412	10 W	4	4	2.0GHz	-	-	V	-	V		V	-	-	V	-	V	-	V	-	-	-	-
Intel® Celeron® Processor J6413	10 W	4	4	1.8GHz	-	-	V	-	V		V	-	-	V	-	V	-	V	-	-	-	-
Intel® Celeron® Processor N6210	6.5 W	2	2	1.2GHz	-	-	-	-	-		V	-	-	-	-	-	-	-	-	-	-	-
Intel® Celeron® Processor N6211	6.5 W	2	2	1.2GHz	-	-	-	-	-		V	-	-	-	-	-	-	-	-	-	V	-
Intel Atom® x7-E3950 Processor	12 W	4	4	1.6GHz	-	-	-	-	-		-	V	-	-	-	-	-	-	-	-	-	-
Intel Atom® x5-E3940 Processor	9.5 W	4	4	1.6GHz	-	-	-	-	-		-	V	-	-	-	-	-	-	-	-	-	-
Intel Atom® x5-E3930 Processor	6.5 W	2	2	1.3GHz	-	-	-	-	-		-	V	-	-	-	-	-	-	-	-	-	-
Intel® Pentium® Processor N4200	6 W	4	4	1.1GHz	-	-	-	-	-		-	V	-	-	-	-	-	-	V	V	-	V
Intel® Celeron® Processor J3455	10 W	4	4	1.5GHz	-	-	-	-	-		-	V	-	-	V	-	-	-	V	-	-	V
Intel® Celeron® Processor N3350	6 W	2	2	1.1GHz	-	-	-	-	-		-	V	-	-	V	-	-	-	V	V	-	V

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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，Avalue 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	描述
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: mCPIE, 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

嵌入式外围设备

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 USB2.0
- 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
- 1x 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 2.5GBbE 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：包括 COM Express Type 6, COM Express Type 7, COM Express Type 10, Eval Carrier Board, Qseven, SMARC。

模块化主板

安勤的 COM Express®
提供优异的设计服务

产品与文档支持

- 系统级模块 (SOM)
- 评估板
- 前期为客户快速提供样品以供调查
- 免费文档下载
 - 设计指南
 - 载板原理图
 - 机械图纸
 - 热设计图纸

设计辅助服务

- 原理图审查
- 元件放置/ 布局审查
- 现场协同调
- 设计培训
- 设计数据库

定制化/验证服务

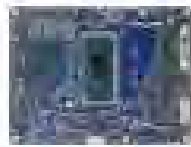
- 保形涂层
- 宽温范围
- 定制化载板设计
- 热设计定制与验
- 环境/兼容性/ 电磁兼容性 (EMC) / 安全性验证

嵌入式操作系统服务

- 定制化软件
 - 定制化 BIOS
 - 定制化操作系统镜像
 - 设备驱动程序
- eOS 安装



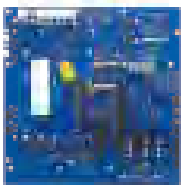
Qseven



COM Express Type 6



COM Express Type 10



Eval Carrier Board



SMARC



开放标准模块

Qseven 模块



产品型号	EQM-EHL	EQM-APL	EQM-BYT
处理器	Intel® Celeron®/ Pentium®/ Atom™ SoC BGA Processor	Intel® Pentium®/ Celeron® Processor	Intel® Atom™/ Celeron® Processor
系统内存	Onboard Single Channel LPDDR4 3200MT/s 4GB Up to 8GB	Onboard DDR3L 1600 & 1333MHz 4GB Up to 8GB	Onboard DDR3L 2GB Up to 4 GB (Processor E3845 Only Support 1333MHz)
扩展	4 x PCIe Gen 3 x1	3 x PCIe1	3 x PCIe1
USB	8 x USB 2.0, 1 x USB 3.2 Gen1	6 x USB 2.0, 2 x USB 3.0	5 x USB 2.0, 1 x USB 3.0
SATA	2 x SATA III	2 x SATA III	2 x SATA II
UART	1 x UART	1 x UART	1 x UART
MIO	1 x SMBus, 1 x LPC, 1 x I²C, 1 x SPI, 1 x SD, 1 x SDIO	1 x SMBus, 1 x LPC, 1 x I²C, 1 x SPI	1 x LPC, 1 x SMBus, 1 x I²C
显示芯片组	Integrated Intel® Gen11 UHD Graphics Controller	Intel® HD Graphics 500	Intel® HD Graphics
显示	DP + (eDP or LVDS)	(HDMI or DP) + (eDP or LVDS)	DDI (HDMI or DP) + LVDS
音频	Intel® High Definition Audio	Intel® High Definition Audio	Intel® High Definition Audio
以太网芯片组	1 x Intel® I226LM/IT	1 x Intel® I210AT	1 x Intel® I210AT
电源信息	+5V	+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 ~ 70°C (32°F ~ 140°F)(Standard) Extend: -20°C ~ 70°C (-4°F ~ 158°F) on Request	0°C ~ 60°C (32°F ~ 140°F)(Standard)
尺寸 (长 x 宽)	2.75" x 2.75" (70 x 70 mm)	2.75" x 2.75" (70 x 70 mm)	2.75" x 2.75" (70 x 70 mm)
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B
软件支持	Win 10, Linux	Win 10, Linux, Android	Win 10, Win 7, Win 8, Linux

COM Express
Type 10



产品型号	ESM-APLM
处理器	Intel® Celeron®/ Pentium®/ Atom™ SoC Processor
系统内存	1 x 204-pin DDR3L 600/1333MHz SO-DIMM up to 8GB
扩展	1 x PCIe x4
USB	6 x USB 2.0 2 x USB 3.0
SATA	2 x SATA III
COM Port	N/A
MIO	1 x SMBus 1 x LPC
显示芯片组	Intel® HD Graphics 500
显示	LVDS, DDI
音频	Intel® High Definition Audio
以太网芯片组	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)	84 x 55 mm (3.31" x 2.17")
认证	CE, FCC Class B

COM Express Type 6



ESM-RPL	ESM-RPLC	ESM-EHLC
13th Gen. Intel® H-Series Embedded Industrial (45 W), P-Series Embedded Industrial (28 W) BGA Processor	13th Gen. Intel® P-Series Embedded Industrial (28 W), U-Series Embedded Industrial (15 W) BGA Processor	Intel® Atom® x6000E Series and Intel® Pentium® and Celeron® J and N Series Processors
2 x 262-pin DDR5 4800MHz SO-DIMM Supports up to 64GB	1 x 262-pin DDR5 4800MHz SO-DIMM Supports up to 32GB	2 x 260-pin DDR4 3200MHz SO-DIMM Supports up to 32GB (Only Atom® x6000 Series Processors Support IB ECC)
1 x PCIe Gen4 x8 (Selected SKU, H Series) 2 x PCIe Gen4 x4 5 x PCIe Gen3 x1 2 x SATA (2 Lanes Shares with SATA)	2 x PCIe Gen4 x4 5 x PCIe Gen3 x1 2 x SATA (2 Lanes Shares with SATA)	3 x PCIe x1
8 x USB 2.0 4 x USB 3.2 Gen2 2 x USB4 (Optional)	8 x USB 2.0 4 x USB 3.2 Gen2 2 x USB4 (Optional)	8 x USB 2.0 4 x USB 3.2 Gen2 x1 (10 Gbps)
2 x SATA III	2 x SATA III	2 x SATA III
2 x UART	2 x UART	2 x UART
1 x SMBus 1 x LPC 1 x I²C 1 x SPI	1 x SMBus 1 x LPC 1 x I²C 1 x SPI	1 x SMBus 1 x LPC/ eSPI (Default) 1 x I²C 1 x SPI
Intel® Iris® Xe Graphics on i7/i5 Processors Intel® UHD Graphics on i3/Celeron® Processors Intel® Gfx up to 96 EU	Intel® Iris® Xe Graphics on i7/i5 Processors Intel® UHD Graphics on i3/Celeron® Processors Intel® Gfx up to 96 EU	Intel® UHD Graphics for 10th Gen Intel® Processors
DDI, VGA, eDP/ LVDS	DDI, VGA, eDP/ LVDS	VGA, LVDS, DDI
Intel® High Definition Audio	Intel® High Definition Audio	Intel® High Definition Audio
1 x Intel® I226LM/IT	1 x Intel® I226LM/IT	1 x Intel® I225LM/IT
+9V ~ +19V	+9V ~ +19V	+9V ~ +19V
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	0°C ~ 60°C (32°F ~ 140°F) (Standard), Extend: -40°C ~ 85°C (-40°F ~ 185°F) with 0.5m/s Air Flow. (Note: Above 70°C Tc, The Recommended Ethernet Speed is 1G.) on Request
125 x 95 mm (4.92" x 3.74")	95 x 95 mm (3.74" x 3.74")	95 x 95 mm (3.74" x 3.74")
CE, FCC Class B	CE, FCC Class B	CE, FCC Class B

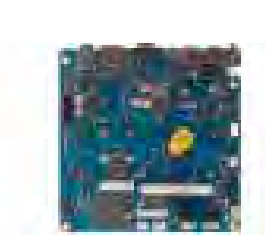
COM Express Type 6



ESM-APLC	ESM-TGH	ESM-CFH	ESM-SKLH	ESM-ASLC
Intel® Pentium®/ Celeron®/ Atom™ SoC Processor	11th Gen Intel® Xeon®/ Core™ i7/i5/i3/Celeron® BGA 10nm Processor	9/ 8th Gen Intel® Xeon®/ Core™ i7/i5/i3 Processor	6th Gen Intel® Core™ i7/i5/i3 Processor	Intel® Atom™ x7000RE Series Processor
1 x 204-pin DDR3L 1600MHz 1600/ 1333MHz SO-DIMM up to 8GB	3x 260-pin DDR4-3200MHz SO-DIMM with up to 96 GB with ECC (ECC is Supported with Specific SKU) *3rd Socket on Rear Side by Request	3 x 260-pin DDR4 2400/2133MHz SO-DIMM up to 96GB	2 x 260-pin DDR4 SO-DIMM up to 32GB	1 x 262-pin DDR5 4800MHz SO-DIMM Supports up to 16GB
3 x PCIe x1	1 x PEG x16 (Gen4, 16.0 GT/s) Support dGFX and NVMe Storage 8 x PCIe x1 (Gen3, 8.0 GT/s)	1 x PCIe x16 Gen3 8 x PCIe x1	8 x PCIe x1	4 x PCIe x1 Gen3 or 1 x PCIe x4 Gen3 or 2 x PCIe x1 Gen3
8 x USB 2.0 4 x USB 3.0	8 x USB 2.0 4 x USB 3.2 Gen2 x1 (10 Gbps)	8 x USB 2.0 4 x USB 3.1	8 x USB 2.0 4 x USB 3.0	8 x USB2.0, 2 x USB3.2 or 8 x USB2.0, 4 x USB3.2
2 x SATA III	4 x SATA III	4 x SATA III	4 x SATA III	2 x SATA III
1 x UART	2 x UART	2 x UART	2 x UART	2 x UART
1 x SMBus 1 x LPC 1 x I²C	1 x SMBus 1 x LPC/ (eSPI Default) 1 x I²C	1 x SMBus 1 x LPC 1 x I²C 1 x SPI	1 x SMBus 1 x LPC 1 x I²C	1 x SMBus 1 x LPC 1 x eSPI 1 x I²C 1 x SPI
Intel® HD Graphics 500	Intel® 11th H Series SoC Processor Integrated	Intel® 8/ 9th SoC Processor Integrated	Intel® 6th SoC Processor Integrated	Intel® UHD Graphics
VGA, LVDS, DDI	VGA LVDS, DDI	VGA, LVDS, DDI	VGA, LVDS, DDI	HDMI/ DP, DP/ TypeC, LVDS/ eDP
Intel® High Definition Audio	Intel® High Definition Audio	Intel® High Definition Audio	Intel® High Definition Audio	Intel® High Definition Audio
1 x Intel® I210AT	1 x Intel® I225LM/IT	1 x Intel® I219LM	1 x Intel® I219LM	1 x Intel® I226IT
+9V ~ +19V	+9V ~ +19V	+9V ~ +19V	+9V ~ +19V	+9V ~ +19V
0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F) (Standard) Extend: -40°C ~ 75°C (-40°F ~ 167°F) on Request	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
95 x 95 mm (3.74" x 3.74")	125 x 95 mm (4.92" x 3.74")	125 x 95 mm (4.92" x 3.74")	125 x 95 mm (4.92" x 3.74")	95 x 95 mm (3.74" x 3.74")
CE, FCC Class B	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B

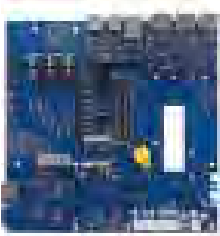
评估测试载板

» Q7 载板



产品型号	REV-Q703 (A/B)
USB	4 x USB 2.0, 2 x USB 3.0 (2 x USB on Board, 2 x USB 3.0/ 1 x USB External)
SATA	2 x SATA (On Board)
串行端口	1 x RS-232
视频	1 x HDMI, 1 x LVDS, 1 x DP, 1 x eDP (1 x LVDS & 1 x eDP on Board)
其他	External I/O Connector, 1 x Ethernet 1 x SD Socket 3 x Audio Phone Jack, Internal I/O Connector 1 x GPIO, 1 x PCIe x1, 1 x mPCIe, 1 x SPI 1 x SPI, 1 x CAN, 1 x LPC, 1 x JFP 1 x PWM CPU Fan Header 1 x PWR 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
音频芯片组	ALC892/ WM8962
音频接口	Mic-in, Line-in, Line-out
电源信息	DC +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)
认证	CE, FCC Class B

» COMe Type 6 载板



EEV-EX26	EEV-EX16-B1	EEV-EX14
1 x USB 2.0 4 x USB 3.2 Gen2 x1 by 1 x IET Connector on Module 2 x USB 4 Type C by 1 x IET Connector on Module (OEM by Request) *Module Board at IO (EEV-EX26 Only)	4 x USB 2.0 4 x USB 3.2 x1	8 x USB 2.0 4 x USB 3.0 (4 USB External)
4 x SATA III (on Board)	4 x SATA III	4 x SATA II (On Board)
N/A	N/A	1 x RS-232/422/485, 1 x RS-232, 1 x LPT (1 x RS232/422/485 External, 1 x RS232 on Board)
4 x Display Port, 1 x VGA, 3 x DP or HDMI by 1 x IET Connector on Module; 1 x LVDS, 1 x eDP (on Board)	3 x Display Port, 1 x VGA, 3 x HDMI, 1 x LVDS, 1 x eDP	1 x Display Port, 1 x VGA, 1 x HDMI 1 x LVDS (1 x LVDS on Board)
1 x SDIO 1 x LAN (Support 2.5G)	1 x SDIO 1 x LAN (Support 2.5G)	1 x PS2/KB & MS 1 x SDIO 2 x LAN
1 x 8bit GPIO	1 x 8bit GPIO	1 x 8bit GPIO
N/A	N/A	1 x IrDA
1 x PCI-e Gen4 x16 Slot 2 x PCI-e Gen4 x4 Slot	1 x PCI-e Gen4 x16 Slot 2 x PCI-e Gen4 x4 Slot 1 x IET, 1 x SDIO/DIO (Optional, Depend on Module Board)	1 x PCIe x16, 1 x PCIe x4 1 x PCIe x1, 1 x Express Card 1 x Mini PCIe
ALC888	ALC888	ALC892
Mic-in and Line-out	Mic-in and Line-out	Mic-in, Line-in and Line-out
ATX	ATX	AT/ 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)
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)
CE, FCC Class B	CE, FCC Class B	CE, FCC Class B

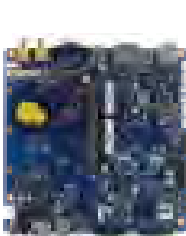
评估测试载板

» COMe Type 10 载板



EEV-EX15
8 x USB 2.0, 2 x USB 3.0 (2 USB External)
2 x SATA III (On Board)
N/A
1 x Display Port, 1 x HDMI 1 x LVDS (1 x LVDS on Board)
1 x LAN
1 x 8bit GPIO
N/A
1 x PCIe x4, 1 x IET 1 x SDIO/DIO (Optional, Depend on Module Board)
ALC892
Mic-in and Line-out
ATX
0°C ~ 60°C (32°F ~ 140°F)
6.7" x 6.7" (170 x 170 mm)
CE, FCC Class B

» SMARC 载板



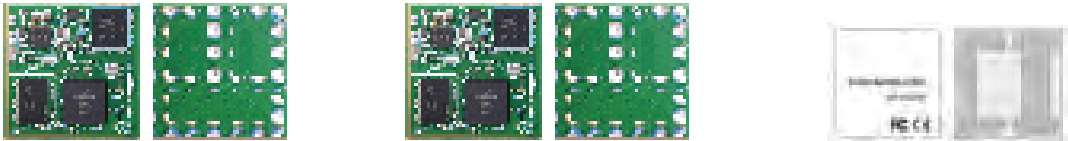
Model Number	REV-SA01	REV-SA02	REV-SA03
外部I/O连接器	1 x HDMI 1 x VGA 2 x RJ45 1 x DB9 1 x Mini-USB 2 x USB Type A	1 x LAN, 2 x RCA 1 x HDMI, 1 x VGA 1 x Micro SD Socket 1 x Mini USB (OTG) 1 x USB Type A 2.0 Double Deck 1 x Display Port, 2 x RS232 1 x RST Switch, 1 x Power Switch 1 x Power LED, 1 x DIP SW	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 I²C 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 D-MIC 1 x Speaker 2P Header 1 x RTC-Battery (CR2032) 1 x M.2 Key E for WIFI/ 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 I²C 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

SMARC



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/ 4GB/ 8GB LPDDR4	2GB DDR4 (Default)	1 GB/ 2GB DDR3
存储	16GB/ 32GB eMMC	16GB eMMC	16GB eMMC	eMMC 16GB	eMMC 8GB
内部I/O连接器	2 x CAN/CAN FD 1 x EDP 1 x HDMI 1 x LVDS 1 x I ² S 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 Wifi 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	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 Wifi 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	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	Android 11	Linux Debian, Andriod	Linux Debian 11, Andriod 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
芯片组	Rockchip RK3568J	NXP iMX8M Mini	NXP i.MX93
处理器	Quad-core Cortex-A55	NXP iMX8M Mini Quad-core Cortex-A53	Dual-Core ARM Cortex-A55 + ARM Cotex-M33
软件支持	Debian11	Yocto (Kirkstone) 4.0	Yocto (Kirkstone) 4.0
系统内存	2GB	4GB	2GB
存储	16GB eMMC	16GB eMMC	16GB eMMC (Optional 8G/ 32G)
I/O	1 x HDMI Out 2 x SDIO (1 x TF Card, 1 x WIFI&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 JTAG 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 SPI 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
电源信息	5V/ 2A	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)
尺寸 (长 x 宽)	45 x 45 mm (Size-L)	45 x 45 mm (Size-L)	30 x 30mm (Size-S)
认证	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。

计算机系统



紧凑型计算系统

坚固耐用、采用完全集成的超薄平台。易于设置，具有高度可扩展的 I/O 接口和高速连接设计，是物联网应用的理想之选。



模块化计算系统

智能扩展技术模块让 I/O 定制更快捷、更灵活。选择最适合您应用的 IET 模块，轻松实现快速原型开发。



可扩展计算系统

可扩展槽位的工控机，允许用户添加第三方 I/O 设备，以支持 PCI 或 PCIe 扩展。它在机器视觉、运动控制和工业自动化应用中提供了高性能计算能力。



准系统

凭借高度集成的工业机箱和最新的英特尔平台 Mini-ITX 主板，该裸机系统提供卓越的可扩展性、产品生命周期长以及全面的定制化服务。



机架式系统

工业机架式电脑提供 1U 至 4U 的机架尺寸，具备出色的坚固性和多功能性，能够满足最严苛的技术规格要求，并提供最大化的性能。



基于ARM的系统

ARM 架构系统系列在低功耗下展现出强大的性能，专为工业应用而设计。



交通系统

专为车辆、公共交通和船舶应用设计。提供高效低功耗的解决方案，能够以低延迟高速传输大量数据。工业级平台提升了实时交通管理的安全性和稳定性。



边缘AI算力平台

凭借了高性能和端到端的连接能力，安勤边缘 AI 系统为客户提供了智能化的解决方案，能够高效地连接用户市场。

紧凑型计算系统



产品型号	EPS-RPR	EPS-RPS	EPS-ADS	ACS10-TGU
主板	EBM-ADS	EBM-ADS	EBM-ADS	ECM-TGUC
处理器	Intel® Core™ i7-14700T, i5-14500T	Intel® Core™ i9-13900TE, i7-13700TE, i5-13500TE, i3-13100TE	Intel® Core™ i9-12900TE, i7-12700TE, i5-12500TE, i3-12100TE Intel® Pentium G7400TE Intel® Celeron G6900TE	Intel® Core™ i5-1135G7 Intel® Core™ i3-1115G4
系统芯片	Intel® H610E Express Chipset	Intel® H610E Express Chipset Intel® Q670E Express Chipset	Intel® H610E Express Chipset Intel® Q670E Express Chipset	N/A
系统内存	2 DIMM Dual Channel DDR5 4800MHz up to 64GB	2 DIMM Dual Channel DDR5 4800MHz up to 64GB	2 DIMM Dual Channel DDR5 4800MHz up to 64GB	1 x 260-Pin SO-DIMM Socket, up to 32GB DDR4 3200MHz
扩展	1 x mPCIe (Default) 1 x M.2 Key-B 2242/3042/3052 Support SATA3/ PCIeIII x1/ USB 2.0/ USB 3.2 Gen.1 and Internal Nano SIM Slot1 1 x M.2 Key-E 2230 PCIeIII x 1/ USB 2.0 for Wi-Fi & BT Modules	1 x mPCIe (Default) 1 x M.2 Key-B 2242/3042/3052 Support SATA3/ PCIeIII x1/ USB 2.0/ USB 3.2 Gen.1 and Internal Nano SIM Slot1 1 x M.2 Key-E 2230 PCIeIII x 1/ USB 2.0 for Wi-Fi & BT Modules	1 x mPCIe (Default) 1 x M.2 Key-B 2242/3042/3052 Support SATA3/ PCIeIII x1/ USB 2.0/ USB 3.2 Gen.1 and Internal Nano SIM Slot1 1 x M.2 Key-E 2230 PCIeIII x 1/ USB 2.0 for Wi-Fi & BT Modules	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, Support SATA (Share with Expansion Slot)	1 x 2.5" Drive Bay 1 x M.2 Key-M 2242/2280, Support PCIe Gen IV x 4 (NVMe SSD), RAID 0/1 (Q670 Only) 1 x M.2 Key-B 2242, Support SATA (Share with Expansion Slot)	1 x 2.5" Drive Bay 1 x M.2 Key-M 2242/2280, Support PCIe Gen IV x 4 (NVMe SSD), RAID 0/1 (Q670 Only) 1 x M.2 Key-B 2242, Support SATA (Share with Expansion Slot)	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	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	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® 14th Generation CPU Integrated	Intel® 13th Generation CPU Integrated	Intel® 12th Generation CPU Integrated	Intel® Iris® Xe Graphics (i5-1135G7) Intel® UHD Graphics for 11th Gen Intel® Processors (i3-1115G4)
显示分辨率	HDMI 2.0b: 4096 x 2304 @ 60Hz DP++ 1.4: 4096 x 2304 @ 60Hz	HDMI 2.0b: 4096 x 2304 @ 60Hz DP++ 1.4: 4096 x 2304 @ 60Hz	HDMI 2.0b: 4096 x 2304 @ 60Hz DP++ 1.4: 4096 x 2304 @ 60Hz	DP++ 1.4: 4096 x 2304 @ 60Hz
音频芯片组	Realtek Audio Code	Realtek Audio Code	Realtek Audio Code	Realtek Audio Code
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	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® 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	2 x RJ45
电源连接器	5-Pin Terminal Block	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	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	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)	AT/ ATX (ATX is Default Setting)
尺寸 (长 x 宽 x 高)	215.8 x 202.5 x 75 mm	215.8 x 202.5 x 75 mm	215.8 x 202.5 x 75 mm	188 x 120 x 48 mm
工作温度	With Extended Temperature Peripherals w/ Air Flow: -10°C ~ 55°C (14°F ~ 131°F)	With Extended Temperature Peripherals w/ Air Flow: -10°C ~ 55°C (14°F ~ 131°F)	With Extended Temperature Peripherals w/ Air Flow: -10°C ~ 55°C (14°F ~ 131°F)	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 B	CE, FCC Class A, UKCA

紧凑型计算系统



产品型号	EPC-RPU	EPC-EHL	EPC-EHL-8COM
主板	ECM-RPL	ECM-EHL	ECM-EHL
处理器	13th Gen Core™ i7/i5/i3 BGA Processor	Intel® ATOM® Processor x6413E Processor	Intel® ATOM® Processor x6413E Processor
系统内存	1 x 262P SO-DIMM Socket (Capacity Max. up to 32GB DDR5 4800)	1 x 260-Pin SO-DIMM Socket, Max. up to 32GB DDR4 3200MHz	1 x 260-Pin SO-DIMM Socket, Max. up to 32GB DDR4 3200MHz
扩展	1 x M.2 Key-B 2242/3042/3052 w/SIM Slot 1 x M.2 Key-M 2280 (PCIe Gen 4x4) 1 x M.2 Key-E 2230 (CNVi)	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, w/ SIM Slot) 1 x M.2 (Key-E, 2230)
存储	1 x 2.5" Drive Bay (7mm) 1 x M.2 Key-B 2242 SSD (SATA3) 1 x M.2 Key-M 2242/2280 NVMe (PCIe Gen 4x4)	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)
USB	3 x USB 2.0, 3 x USB 3.2 Gen2 (Type A) 1 x USB 3.2 Gen 2 (Type C)	2 x USB 3.1, 2 x USB2.0 2 x USB 3.1, 6 x USB2.0 (EPC-EHL-8USB)	2 x USB 3.1, 2 x USB2.0 2 x USB 3.1, 6 x USB2.0 (EPC-EHL-8USB)
串行端口	2 x RS232	8 x RS232 (EPC-EHL-8COM) 4 x RS232 (EPC-EHL-8USB) 2 x RS232 (EPC-EHL-4LAN)	8 x RS232 (EPC-EHL-8COM) 4 x RS232 (EPC-EHL-8USB) 2 x RS232 (EPC-EHL-4LAN)
其他	6 x Antenna Mounting with Dust Protection Cover	USB/ LAN 2 x Antenna Mounting with Dust Protection Cover (EPC-EHL) 4 x Antenna Mounting with Dust Protection Cover (EPC-EHL-8COM/ 8USB/ 4LAN)	USB/ LAN 2 x Antenna Mounting with Dust Protection Cover (EPC-EHL) 4 x Antenna Mounting with Dust Protection Cover (EPC-EHL-8COM/ 8USB/ 4LAN)
显示芯片组	Intel® Iris® Xe Graphics Eligible	Intel® UHD Graphics for 10th Gen Intel® Processors	Intel® UHD Graphics for 10th Gen Intel® Processors
分辨率	1 x HDMI 2.0b: 4096 x 2160 @ 60Hz 1 x DP 2.1: 7680 x 4320 @ 60Hz 1 x DP (Type C): 5120 x 3200 @ 60Hz	1 x HDMI 2.0b: 4096 x 2160 @ 60Hz 1 x DP 1.4a: 4096 x 2160 @ 60Hz	1 x HDMI 2.0b: 4096 x 2160 @ 60Hz 1 x DP 1.4a: 4096 x 2160 @ 60Hz
音频芯片组	Realtek Audio Code	Realtek Audio Code	Realtek Audio Code
音频接口	1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in
以太网芯片组	2 x Intel® I226LM	2 x Intel® I226-IT 4 x Intel® I226-IT (EPC-EHL-4LAN)	2 x Intel® I226-IT 4 x Intel® I226-IT (EPC-EHL-4LAN)
以太网接口	2 x RJ45	2 x RJ45, 4 x RJ45 (EPC-EHL-4LAN)	2 x RJ45, 4 x RJ45 (EPC-EHL-4LAN)
电源连接器	Lockable DC Jack	Lockable DC Jack	Lockable DC Jack
电源信息	+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
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 ~ 240Vdc/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter
结构	Aluminum + Metal	Aluminum + Metal	Aluminum + Metal
尺寸 (长 x 宽 x 高)	6.97" x 4.84" x 2.17" (177 x 123 x 55 mm)	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)
工作温度	With Extended Temp. Peripherals w/ Air Flow: -10°C ~ 50°C (32°F ~ 122°F) with Air Flow	With Extended Temp. Peripherals w/ Air Flow: -40°C ~ 70°C (-40°F ~ 158°F) (EPC-EHL/ EPC-EHL-8COM) -40°C ~ 60°C (-40°F ~ 140°F) (EPC-EHL-8USB) -10°C ~ 40°C (14°F ~ 104°F) (EPC-EHL-4LAN)	With Extended Temp. Peripherals w/ Air Flow: -40°C ~ 70°C (-40°F ~ 158°F) (EPC-EHL/ EPC-EHL-8COM) -40°C ~ 60°C (-40°F ~ 140°F) (EPC-EHL-8USB) -10°C ~ 40°C (14°F ~ 104°F) (EPC-EHL-4LAN)
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B

紧凑型计算系统



EPC-EHL-8USB	EPC-EHL-4LAN	EPC-WHL	EPC-TGU
ECM-EHL	ECM-EHL	ECM-WHL	ECM-TGU
Intel® ATOM® Processor x6413E Processor	Intel® ATOM® Processor x6413E Processor	8th Generation Intel® Core™ i7/i5/i3/ Celeron® Processor	11th Generation Intel® Core™ i7/i5/i3/ Celeron® Processor
1 x 260-Pin SO-DIMM Socket, Max. up to 32GB DDR4 3200MHz	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 260-Pin SO-DIMM Socket, Max. up to 32GB DDR4 3200MHz
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, 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-E, 2230, CNVi)	1 x M.2 (Key-M, 2242) 1 x M.2 (Key-B, 2242/3042/3052, w/ SIM Slot) 1 x M.2 (Key-E, 2230)
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)	1 x 2.5" Drive Bay (7 mm) 1 x M.2 (Key-B, 2242)	1 x 2.5" Drive Bay (7 mm) 1 x M.2 (Key-M, 2242, NVMe) 1 x M.2 (Key-B, 2242)
2 x USB 3.1, 2 x USB2.0 2 x USB 3.1, 6 x USB2.0 (EPC-EHL-8USB)	2 x USB 3.1, 2 x USB2.0 2 x USB 3.1, 6 x USB2.0 (EPC-EHL-8USB)	4 x USB 3.1	4 x USB 3.1 Gen.2 2 x USB 2.0
8 x RS232 (EPC-EHL-8COM) 4 x RS232 (EPC-EHL-8USB) 2 x RS232 (EPC-EHL-4LAN)	8 x RS232 (EPC-EHL-8COM) 4 x RS232 (EPC-EHL-8USB) 2 x RS232 (EPC-EHL-4LAN)	1 x RS232 (Factory Option)	2 x RS232/422/485 (BIOS)
USB/ LAN 2 x Antenna Mounting with Dust Protection Cover (EPC-EHL) 4 x Antenna Mounting with Dust Protection Cover (EPC-EHL-8COM/ 8USB/ 4LAN)	USB/ LAN 2 x Antenna Mounting with Dust Protection Cover (EPC-EHL) 4 x Antenna Mounting with Dust Protection Cover (EPC-EHL-8COM/ 8USB/ 4LAN)	2 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 for 10th Gen Intel® Processors	Intel® UHD Graphics 620 (i7/i5/i3) Intel® UHD Graphics 610 (Celeron)	Intel® Iris® Xe Graphics (i7/i5) Intel® Iris® UHD Graphics (i3/ Celeron)
1 x HDMI 2.0b: 4096 x 2160 @ 60Hz 1 x DP 1.4a: 4096 x 2160 @ 60Hz	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	DP++ 1.4a: 4096 x 2304 @ 60Hz
Realtek Audio Code	Realtek Audio Code	Realtek Audio Code	Realtek Audio Code
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 Combo Jack (Mic-in + Line-out)
2 x Intel® I226-IT 4 x Intel® I226-IT (EPC-EHL-4LAN)	2 x Intel® I226-IT 4 x Intel® I226-IT (EPC-EHL-4LAN)	1 x Intel® I210AT 1 x Intel® I219LM	2 x Intel® I226-LM
2 x RJ45, 4 x RJ45 (EPC-EHL-4LAN)	2 x RJ45, 4 x RJ45 (EPC-EHL-4LAN)	2 x RJ45	2 x RJ45
Lockable DC Jack	Lockable DC Jack	Lockable DC Jack	Lockable DC Jack
+12V/ +24V	+12V/ +24V	+12V	+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	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)	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)
Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 120W Adapter (12V @ 10A Adapter) AC-DC Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 120W Adapter (12V @ 10A Adapter) AC-DC Adapter
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 2.17" (177 x 123 x 55mm)	6.97" x 4.84" x 2.17" (177 x 123 x 55mm)
With Extended Temp. Peripherals w/ Air Flow: -40°C ~ 70°C (-40°F ~ 158°F) (EPC-EHL/ EPC-EHL-8COM) -40°C ~ 60°C (-40°F ~ 140°F) (EPC-EHL-8USB) -10°C ~ 40°C (14°F ~ 104°F) (EPC-EHL-4LAN)	With Extended Temp. Peripherals w/ Air Flow: -40°C ~ 70°C (-40°F ~ 158°F) (EPC-EHL/ EPC-EHL-8COM) -40°C ~ 60°C (-40°F ~ 140°F) (EPC-EHL-8USB) -10°C ~ 40°C (14°F ~ 104°F) (EPC-EHL-4LAN)	With Extended Temp. Peripherals w/ Air Flow: -40°C ~ 70°C (-40°F ~ 158°F) (EPC-EHL/ EPC-EHL-8COM) -40°C ~ 60°C (-40°F ~ 140°F) (EPC-EHL-8USB) -10°C ~ 40°C (14°F ~ 104°F) (EPC-EHL-4LAN)	With Extended Temp. Peripherals w/ Air Flow: -10°C ~ 50°C (32°F ~ 122°F) with air flow
CE, FCC Class B	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B

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 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
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 125x 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	0.85 kg	1 kg	1 kg
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B

紧凑型计算系统



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 Code 1 x Audio Jack (Mic-in + Line-out)	Realtek Audio Code 1 x Audio Jack (Mic-in + Line-out Combo)	Realtek Audio Code 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 B	CE, FCC Class A	CE, FCC Class A

模块化计算系统



产品型号	EMS-MTU	EMS-MTH	EMS-TGL	EMS-EHL
处理器	Intel® Core™ Ultra 7 Processor 155U Intel® Core™ Ultra 5 Processor 125U	Intel® Core™ Ultra 7 Processor 155H Intel® Core™ Ultra 5 Processor 125H	Intel® Core™ i7-1185GRE/ i5-1145GRE/ i3-1115GRE (WT) Intel® Core™ i7-1185G7E/ i5-1145G7E/ i3-1115G4E (ST)	Intel® Celeron® J6413 Intel® Atom® x6425E
系统内存	2 x 262-Pin SODIMM DDR5 5600MHz up to 64GB	2 x 262-Pin SODIMM DDR5 5600MHz up to 64GB	2 x 260-Pin SODIMM DDR4 3200MHz up to 64GB	1 x 260-Pin SODIMM DDR4 3200MHz up to 32GB
扩展	1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (SATA/ PCIe/ USB3.2) w/ SIM Slot 1 x M.2 Key-E 2230 for Wi-Fi & BT Module (USB 2.0/ PCIe)	1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (SATA/ PCIe/ USB3.2) w/ SIM Slot 1 x M.2 Key-E 2230 for Wi-Fi & BT Module (USB 2.0/ PCIe)	1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (SATA/ PCIe/ USB3.1) w/ SIM Slot 1 x M.2 Key-E 2230 for Wi-Fi & BT Module (USB2.0/ PCIe)	1 x Avalue 80-Pin IET Module Interface 1 x M.2 Key-B 2242/3042/3052 (SATA/ PCIe/ USB3.2) w/ SIM Slot 1 x M.2 Key-E 2230 for Wi-Fi & BT Module (USB2.0/ PCIe)
存储	1 x M.2 Key-M 2280 (PCIe), Support NVMe 1 x M.2 Key-B 2242 (SATA), Share with Expansion Slot	1 x M.2 Key-M 2280 (PCIe), Support NVMe 1 x M.2 Key-B 2242 (SATA), Share with Expansion Slot	1 x M.2 Key-M 2280 (PCIe), Support NVMe 1 x M.2 Key-B 2242 (SATA), Share with Expansion Slot	1 x M.2 Key-B 2242/2280 (SATA) 1 x M.2 Key-B 2242 (SATA), share with expansion Slot
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 USB 3.1 Gen.2, 2 x USB 3.1 Gen.1	2 x USB 3.2 Gen.2, 2 x USB 3.2 Gen.1
串行端口	2 x COM RS232/422/485 (BIOS & Jumper)	2 x COM RS232/422/485 (BIOS & Jumper)	2 x COM RS232/422/485 (BIOS & Jumper)	2 x COM RS232/422/485 (BIOS & Jumper)
其他	8 x Antenna Mounting w/ Dust Cover	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 (DB9)	1 x 8-bit GPIO (DB9)	1 x 8-bit GPIO (DB9)	1 x 8-bit GPIO (DB9)
显示芯片组	Intel® Graphics	Intel® Arc™ Graphics	Intel® Iris® Xe Graphics (Core i7/i5) Intel® UHD Graphics (Core i3)	Intel® UHD Graphics
显示分辨率	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	1 x DP++ : 4096 x 2304 @ 60Hz 1 x HDMI : 4096 x 2304 @ 60Hz	1 x DP++ : 4096 x 2304 @ 60Hz 1 x HDMI : 4096 x 2304 @ 60Hz
音频芯片组	Realtek Audio Code	Realtek Audio Code	Realtek Audio Code	Realtek Audio Code
音频接口	Mic-in, Line-out	Mic-in, Line-out	Mic-in, Line-out	Mic-in, Line-out
以太网芯片组	2 x Intel® I226-IT	2 x Intel® I226-IT	1 x Intel® I225-LM, 1 x Intel® I219-LM	2 x Intel® I226-IT
以太网接口	2 x RJ45	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	3-Pin Terminal Block
电源信息	Typical +12/ 24Vdc (+9V ~ +36Vdc)	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, 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)
适配器	Optional AC-DC Adapter (120W)	Optional AC-DC Adapter (120W)	Optional AC-DC Adapter (60W)	Optional AC-DC Adapter (60W)
结构	Aluminum + Metal	Aluminum + Metal	Aluminum + Metal	Aluminum + Metal
尺寸(长 x 宽 x 高)	240 x 150 x 49 mm (Standard) 240 x 150 x 75 mm (w/ IET Module)	240 x 150 x 59 mm (Standard) 240 x 150 x 85 mm (w/ IET Module)	240 x 150 x 48 mm (Standard) 240 x 150 x 69 mm (w/ IET Module)	240 x 150 x 43 mm (Standard) 240 x 150 x 64 mm (w/ IET Module)
工作温度	-40°C ~ 65°C (w/SSD) Ambient w/ Air Flow	-40°C ~ 50°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, WT sku 0°C ~ 65°C (w/SSD) Ambient w/ Air Flow, ST sku
认证	CE, FCC Class B, UKCA	CE, FCC Class B, UKCA	CE, FCC Class B	CE, FCC Class B, LVD 62368-1

可扩展计算系统



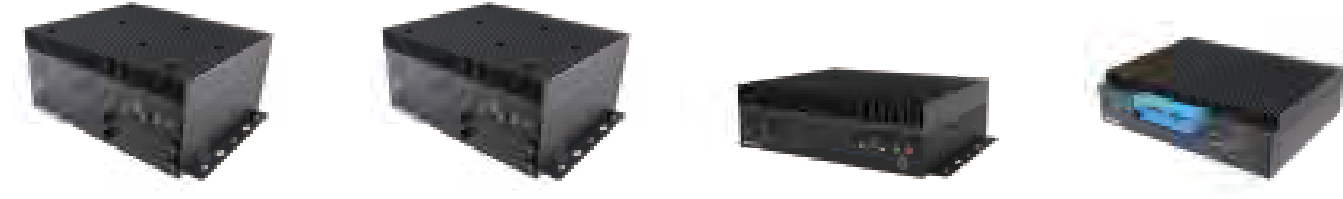
产品型号	SLP-RPR	SLP-WHG
处理器	14th Generation Intel® Raptor Lake-S Refresh i9-14900T/ i7-14700T/ i5-14500T/ i3-14100T/ i9-14900/ i7-14700/ i5-14500/ i3-14100 Processors	Onboard 8th Gen Intel® Core™ SoC i7-8665UE/ i5-8365UE/ i3-8145UE & Celeron® 4305UE BGA Processor
系统芯片	Intel® Q670E Chipset	N/A
系统内存	2-262-pin SO-DIMM Socket Max. up to 64GB DDR5 5600MHz	2 x 260-pin SODIMM Socket Max. up to 32GB DDR4 2133MT/s
扩展	1 x PCIe16 Slot 1 x PCIe4 Slot 1 x M.2 Key-E 2230 Support PCIe1 and USB2.0 for Wi-Fi & BT Module 1 x M.2 Key-B 2242/3042/3052 Support PCIe1, USB 3.2, SATA3 with Internal SIM Slot for 4G/5G	1 x PCIe x1 Slot 1 x PCIe x4 Slot 1 x M.2 Key-A 2230 for Wi-Fi & BT Module 1 x M.2 Key-B 3042/2242/2260/2280, Support SATA 3/ PCIe III x 1/ USB 2.0 and Internal SIM Slot
存储	1 x M.2 Key-M 2242/2280 Support NVMe (PCIe Gen4x4) for Storage 1 x M.2 Key-B 2242 Support SATAIII for Storage (Share with Expansion Slot) 2 x 2.5" Drive Bay Support RAID 0/1	1 x M.2 Key-B 2242/2260/2280, Support SATAIII for Staorge (Share with Expansion Slot) 1 x 2.5" Drive Bay (Internal)
USB	6 x USB 2.0 (2 x Internal TypeA Connector, 4 x External TypeA Connector) 4 x USB 3.2 Gen 2 (4 x External TypeA Connector)	3 x USB3.1 Gen1 1 x USB Type C w/o ALT Mode
串行端口	4 x RS-232/422/485 4 x RS-232 (2 x RS-232 by Optional)	4 x RS-232
其他	1 x 16-bit Programmable GPIO (by Optional) 1 x Power on/off Switch with LED 1 x Reset Button 1 x HDD LED	1 x Power on/off Switch with LED 1 x Reset Button 1 x HDD LED 1 x Internal USB 2.0 (Type-A) 1 x PS/2 Keyboard/ Mouse
显示	2 x HMDI 2.0b 2 x DPL4 (Support DP++)	3 x HDMI 1.4b: 3840 x 2160 @ 30Hz
音频	1 x Mic-in 1 x Line-out	N/A
以太网	1 x Intel® I219-LM 3 x Intel® I226-V	1 x Intel® I219-LM 2 x Intel® I210-IT
电源连接器	Phoenix Connector	Phoenix Connector
电源信息	DC in +12V ~ +24V, Wide Voltage	DC in +12V ~ +24V, Wide Voltage
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: 280W Adapter (24V @ 11.67A)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 180W Adapter (24V @ 7.5A)
工作温度	Passive Cooling -20°C ~ 40°C (14°F ~ 104°F) with 0.7m/s Air Flow (65W) -20°C ~ 50°C (14°F ~ 122°F) with 0.7m/s Air Flow (35W) Active Cooling -20°C ~ 50°C (14°F ~ 122°F) with System Fan (65W) -20°C ~ 60°C (14°F ~ 140°F) with System Fan (35W)	-20~50°C (-4°F ~ 122°F) w/ WT SSD, Ambient w/ 0.5m/s Air Flow
存储温度	-30~70°C (-22°F ~ 158°F)	-40°C ~ 75°C (-40°F ~ 167°F)
结构	Aluminum + Metal	Aluminum + Metal
安装套件	Wall Mount Kit	N/A
尺寸(长 x 宽 x 高)	280 x 156 x 230 mm	217 x 115 x 220 mm
重量	Estimated 6.4 kg	2.6 kg

交通系统



产品型号	VMS-EHLR	EMS-TGL-Marine	VMS-RPPS
处理器	Intel® Atom® x6425E	Intel® Core™ i7-1185GRE/ i5-1145GRE/ i3-1115GRE	Intel® Core™ 7 processor 150UL Intel® Core™ 5 processor 120UL Intel® Core™ 3 processor 100UL Intel® Core™ processor U300L
系统内存	1 x 260-Pin SODIMM DDR4 3200MHz up to 32GB	2 x 260-Pin SODIMM DDR4 3200MHz up to 64GB	2 x 262-Pin SODIMM DDR5 5200MHz up to 64GB
扩展	1 x M.2 Key-B 2242/ 3042/3052 (PCIe/ USB 3.1) w/ SIM Slot1 (External) 1 x M.2 Key-E 2230 (PCIe/ USB 2.0) 1 x mPCIe (PCIe/ USB 2.0) w/ SIM Slot2 (External)	1 x M.2 Key-B 2242/3042/3052 (SATA/ PCIe/ USB3.1) w/ SIM Slot 1 x M.2 Key-E 2230 (PCIe/ USB 2.0)	1 x M.2 Key-B 2242/3042/3052 (PCIex1/ USB3.2) w/ SIM Slot1 (External) 1 x M.2 Key-E 2230 (PCIe/ USB 2.0) 1 x Full Size Mini PCIe (PCIe/ USB 2.0) w/ SIM Slot2 (External)
存储	1 x 2.5" Drive Bay (SATA III) 1 x M.2 Key-B 2242 (SATA III), Share with Expansion Slot	1 x M.2 Key-M 2242/2280 (PCIe) NVMe 1 x M.2 Key-B 2242 (SATA) Share with Expansion Slot	1 x M.2 Key-M 2280 (PCIe) NVMe 2 x 2.5" Drive Bay
USB	2 x USB 3.2 Gen.2 1 x USB 2.0 (M12 A-coded)	2 x USB 3.2 Gen.2 2 x USB 3.2 Gen.1 2 x USB 2.0	2 x USB 2.0 2 x USB 3.2 Gen.2
串行端口	2 x RS-232/422/385 (BIOS & Jumper)	2 x RS-232/422/485 (BIOS & Jumper) 4 x RS-232/422/485 (BIOS) w/ 2.5KV Isolation	2 x RS232/422/485 (Jumper + DIP Switch), Support Auto-flow
其他	2 x SIM Card Slot (External Accessible w/ Dust Cover) 7 x Antenna Mounting w/ Dust Cover 1 x CAN 2.0B (DB9), Optional	8 x Antenna Mounting w/ Dust Cover	2 x SIM Card Slot (External Accessible w/ Dust Cover) 8 x Antenna Mounting w/ Dust Cover 1 x GND
DIO	1 x 8-Bit GPIO (DB9), w/ 2.5KV Isolation	1 x 8-bit GPIO (DB9)	1 x 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	1 x DP++: 4096 x 2304 @ 60Hz 1 x HDMI: 4096 x 2304 @ 60Hz 1 x VGA: 1920 x 1080 @ 60Hz	1 x DP++: 4096 x 2304 @ 60Hz 1 x HDMI: 4096 x 2304 @ 60Hz	2 x DP++: 4096x2304 @ 60Hz HDMI: 4096 x 2304 @ 60Hz
音频接口	Mic-in, Line-out, Line-in (DB15)	1 x Mic-in 1 x Line-out	1 x Mic-in 1 x Line-out
以太网芯片组	2 x Intel® I210-IT	1 x Intel® I225-LM 1 x Intel® I219-LM	4 x Intel® I226IT
以太网接口	2 x M12 (X-coded)	2 x RJ45	4 x RJ-45 (4 x 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 ~ 55°C (-40°F ~ 131°F) Ambient w/ Air Flow
认证信息	CE, FCC Class A, EN50155, EN50121	CE, FCC Class A, IEC 60945, IP50 Rating	CE, FCC Class A, E24 Mark, ISO 7637-2

交通系统



VMS-CFS	VMS-CFS-PSE	VMS-CFS-SLIM	VMS-APL
Intel® Core™ i7-9700TE/ i7-8700T/ i5-9500TE/ i5-8500T/ i3-9100TE/ i3-8100T & Pentium® G5400T & Celeron® G4900T	Intel® Core™ i7-9700TE/ i7-8700T/ i5-9500TE/ i5-8500T/ i3-9100TE/ i3-8100T & Pentium® G5400T & Celeron® G4900T	Intel® Core™ i7-9700TE/ i7-8700T/ i5-9500TE/ i5-8500T/ i3-9100TE/ i3-8100T & Pentium® G5400T & Celeron® G4900T	Intel® Pentium® N4200 Intel® Celeron® N3350/ J3455 Intel Atom® x7-E3950/ x5-E3940/ x5-E3930
2x 260-Pin SODIMM DDR4 2400/2666MHz up to 64GB	2x 260-Pin SODIMM DDR4 2400/2666MHz up to 64GB	2x 260-Pin SODIMM DDR4 2400/2666MHz up to 64GB	1 x 204-Pin SODIMM DDR3L 1866MHz up to 8GB
1 x Avalue 80-Pin IET Interface 1 x mPCIe (PCIe/ USB 2.0) w/ SIM Slot1 (External) 1 x M.2 Key-E 2230 (PCIe/ USB 2.0) 1 x M.2 Key-E 2230 (PCIe/ USB 2.0) 2 x M.2 Key-B 2242/ 3042/ 2280 (PCIe/ USB 3.1/ SATA) w/ SIM Slot2, 3 (External) 1 x CANBus Module Interface	1 x mPCIe (PCIe/ USB 2.0) w/ SIM Slot1 (External) 1 x M.2 Key-E 2230 (PCIe/ USB 2.0) 2 x M.2 Key-B 2242/ 3042/ 2280 (PCIe/ USB 3.1/ SATA) w/ SIM Slot2, 3 (External) 1 x CANBus Module Interface	1 x mPCIe (PCIe/ USB 2.0) w/ SIM Slot1 (External) 1 x M.2 Key-E 2230 (PCIe/ USB 2.0) 2 x M.2 Key-B 2242/ 3042/ 2280 (PCIe/ USB 3.1/ SATA) w/ SIM Slot2, 3 (External) 1 x CANBus Module Interface	1 x Avalue 80-Pin IET Interface 2 x mPCIe (PCIe/ USB2.0) w/ SIM Slot1, 2 (External) 1 x CANBus Module Interface
2 x 2.5" Drive Bay (SATA III) 2 x M.2 Key-B 2242/2280 (SATA III)	2 x 2.5" Drive Bay (SATA III) 2 x M.2 Key-B 2242/2280 (SATA III)	2 x M.2 Key-B 2242/2280 (SATA III)	1 x 2.5" Drive Bay (SATA III) 1 x M.2 key-B 2242 (SATA III) 1 x SD (3.0)
6 x USB 3.1	6 x USB 3.1 2 x USB 2.0	6 x USB 3.1	4 x USB 3.0
1 x RS232 2 x RS-232/422/485 (BIOS)	1 x RS232 2 x RS-232/422/485 (BIOS)	1 x RS232 2 x RS-232/422/485 (BIOS)	2 x RS-232/422/485 (Jumper)
3 x SIM Card Slot (External Accessible w/ Dust Cover) 5 x Antenna Mounting w/ Dust Cover 1 x 8-Bit GPIO (DB9), w/ 1.5KV Isolation	3 x SIM Card Slot (External Accessible w/ Dust Cover) 5 x Antenna Mounting w/ Dust Cover 1 x 8-Bit GPIO (DB9), w/ 1.5KV Isolation	3 x SIM Card Slot (External Accessible w/ Dust Cover) 5 x Antenna Mounting w/ Dust Cover 1 x 8-Bit GPIO (DB9), w/ 1.5KV Isolation	2 x SIM Card Slot (External Accessible w/ Dust Cover) 5 x Antenna Mounting w/ Dust Cover 1 x 8-Bit GPIO (DB9)
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; 4 x Port RJ45/ M12, Supports 802.3af PoE (Optional)	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

边缘AI算力平台

» NVIDIA Jetson 系列



产品型号	AIB-NVAO	AIB-NIAO	AIB-NW01
处理器	Jetson AGX Orin 32GB Jetson AGX Orin 64GB	Jetson AGX Orin 32GB Jetson AGX Orin 64GB	Jetson Orin Nano 4GB Jetson Orin Nano 8GB Jetson Orin NX 8GB Jetson Orin NX 16GB
AI 性能	32GB-200 TOPS 64GB-275 TOPS	32GB-200 TOPS 64GB-275 TOPS	Orin Nano 4GB: 20 TOPS Orin Nano 8GB: 40 TOPS Orin NX 8GB: 70 TOPS Orin NX 16GB: 100TOPS
系统内存	32GB 64GB	32GB 64GB	Nano: 4GB/ 8GB NX: 8GB/ 16GB
存储	64GB eMMC 5.1	64GB eMMC 5.1	128GB M.2 2280 NVMe SSD
扩展	1 x M.2 M Key 1 x mPCIe 1 x Nano SIM Slot	1 x M.2 B Key 1 x M.2 M Key 1 x MicroSD Card Slot 2 x mPCIe 4 x Nano SIM Slot	1 x M.2 M Key 1 x M.2 E Key 1 x M.2 B Key 1 x Micro SIM Slot
外部I/O连接器	4 x 10/100/1000 RJ45 Powered LAN 5 x CAN FD 2 x GMSL2 8 x GPIO (4 x In, 4 x Out) 1 x HDMI 2.0 TypeA 1 x M.2 M Key 1 x mPCIe 1 x Nano SIM Slot 1 x Power Key 1 x Recovery Key 1 x Reset Key 1 x Debug (RS-232) 3 x RS232 2 x RS485/RS422 3 x SYNC I/O (SYNC_IN/SYNC_OUT/SYNC_PPS) 2 x USB3.0 TypeA	5 x 10/100/1000 RJ45 Powered LAN 2 x CAN FD 16 x GPIO (8 x In, 8 x Out) 1 x HDMI 2.0 (TypeA) 1 x M.2 B Key 1 x M.2 M Key 1 x Micro SIM 1 x MicroSD Card Slot 2 x mPCIe 4 x Nano SIM Slot 1 x Power Key 1 x Recovery Key 1 x Reset Key 3 x RS232 2 x RS485/422 1 x Debug 4 x SYNC I/O (SYNC_IN/SYNC_OUT/SYNC_PPS) 1 x USB 2.0 Type C 4 x USB 3.0 Type A	2 x 10/100/1000 RJ45 LAN 1 x DC Phoenix 1 x HDMI 2.0 Type A 1 x M.2 B Key 1 x M.2 E Key 1 x Micro SIM 1 x Micro USB OTG 1 x Power LED 1 x Reset 2 x RS-232/485 DB9 (Jumper) 4 x USB 3.0 Type A
防护	IP5X(Optional)	IP5X(Optional)	N/A
电源信息	DC 9V ~ 36V	DC 12V ~ 48V	DC 10V ~ 24V
工作温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
存储温度	-40°C ~ 80°C (-40°F ~ 176°F)	-40°C ~ 80°C (-40°F ~ 176°F)	-40°C ~ 80°C (-40°F ~ 176°F)
尺寸(长 x 宽 x 高)	276 x 214 x 71 mm	226 x 144.5 x 70 mm	196 x 125 x 66.1 mm
重量	4.3 kg	2.3 kg	1.41 kg
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class B
软件支持	Ubuntu: 20.04 JetPack 5.1.1 or Higher Linux for Tegra (L4T) R35.3.1 or Higher	Ubuntu: 20.04 JetPack 5.1.1 or Higher Linux for Tegra (L4T) R35.3.1 or Higher	Ubuntu: 20.04 JetPack 5.1.1 or Higher Linux for Tegra (L4T) R35.3.1 or Higher

边缘AI算力平台

» NVIDIA Jetson 系列



产品型号	AIB-NIAO-S	AIB-NINX-S	AIB-NINX-SC
处理器	Jetson AGX Orin 32GB Jetson AGX Orin 64GB	Jetson NX Orin 8GB Jetson NX Orin 16GB	Jetson NX Orin 8GB Jetson NX Orin 16GB
AI 性能	32GB-200 TOPS 64GB-275 TOPS	8GB-70TOPS 16GB-100TOPS	8GB-70TOPS 16GB-100TOPS
系统内存	32GB 64GB	8GB 16GB	8GB 16GB
存储	64GB eMMC 5.1	128GB M.2 2280 NVMe SSD	128GB M.2 2280 NVMe SSD
扩展	1 x M.2 2230 E Key 2 x M.2 2280 M Key 1 x M.2 3042 B Key	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 Key 1 x Recovery Key 2 x USB 3.2 1 x DC Jack 8 x PSE Port 5 x Antenna 2 x Ethernet 2 x HDMI Out 1 x DP Out 2 x USB 2.0 1 x Line in/out	1 x Power Key 1 x RS232/RJ485 1 x Ethernet 2 x HDMI Out 2 x USB 3.2 4 x USB 3.2 1 x DC IN	1 x Power Key 2 x Antenna 1 x Micro SD Slot 1 x GPIO/RS232, I²C 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	N/A
电源信息	DC 12 ~ 28V	DC 12 ~ 28V	DC 9 ~ 36V
工作温度	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
存储温度	-20°C ~ 80°C (-4°F ~ 176°F)	-20°C ~ 80°C (-4°F ~ 176°F)	-20°C ~ 80°C (-4°F ~ 176°F)
尺寸(长 x 宽 x 高)	265.08 x 186.70 x 105.29 mm	144 x 98 x 80.6 mm	94.4 x 66 x 69.8 mm
重量	4.2 kg	3.5 kg	0.5 kg
认证	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B
软件支持	AI SDK by Request Ubuntu: 20.04 JetPack 5.1.1 or Higher Linux for Tegra (L4T) R35.3.1 or Higher	AI SDK by Request Ubuntu: 20.04 JetPack 5.1.1 or Higher Linux for Tegra (L4T) R35.3.1 or Higher	AI SDK by Request Ubuntu: 20.04 JetPack 5.1.1 or Higher Linux for Tegra (L4T) R35.3.1 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) PSE Power Supply: 8 x 15W (IEEEE802.3af)	SDK/ Software: By Request NX 5G: 5G Mobility Network(Supports 5G / 4G / 3G SIM Module) NX PSE: PSE Power Supply 4 x 15W (IEEEE802.3af)	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

基于ARM的系统

» Rockchip 系列



产品型号	AIB-3566	AIB-3588
处理器	Rockchip RK3566 Quad-core ARM Cortex-A55	Rockchip RK3588 Quad-core ARM Cortex-A76 and Quad-core ARM Cortex-A55
系统内存	2GB DDR	4GB LPDDR4/ LPDDR4x/ LPDDR5
存储	32 GB eMMC 5.1	64GB eMMC 5.1
外部I/O连接器	1 x 10/100/1000 RJ45 Powered LAN 1 x BT4.1 1 x HDMI 2.0 In 1 x HDMI 2.0 Out 1 x IR or 1 x RS 232 1 x USB 2.0 Type B OTG 1 x USB 3.0 Type A 1 x WIFI 802.11 a/b/g/n/ac 1 x Micro SIM BT 5.0 (Optional) 3G/4G 1 x mPCIe +1 x Micro SIM (Optional)	2 x 10/100/1000 RJ45 Powered LAN 1 x CAN 4 x GPIO 1 x HDMI 2.0 in 2 x HDMI 2.0 out 1 x IR 4 x LED (HDD, WIFI, Power, NET) 1 x Micro SD Slot 1 x Micro SIM Slot 1 x Power Key 1 x USB 3.0 Type A 3 x USB 2.0 Type C 1 x Recovery Key 3 x RS-232/RS485 2 x WIFI Antenna 1 x GTIOT (Optional) 1 x PoE (Optional)
电源信息	DC 12V/ 1.5A	DC 12V
工作温度	-20°C ~ 70°C (-4°F ~ 158°F)	-20°C ~ 60°C (-4°F ~ 140°F)
存储温度	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 85°C (-40°F ~ 185°F)
尺寸 (长 x 宽 x 高)	106 x 100 x 25 mm	160 x 125.5 x 48 mm
重量	2.58 kg	0.46 kg
认证	CE, FCC Class A	CE, FCC Class A
软件支持	Android 11.0 Linux Debian 10	Android 13 Linux Debian 11.0

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 WIFI 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

准系统

» Desktop Chassis



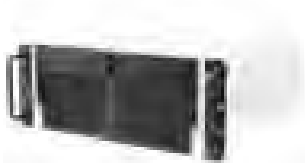
产品型号	BMX-T550-B	BMX-T820
处理器	Intel® 13th Gen Core™ i9/i7/i5/i3 Processor 35W TDP Processor Intel® Core™ i9-13900TE Processor Intel® Core™ i7-13700TE Processor Intel® Core™ i5-13500TE Processor Intel® Core™ i3-13100TE Processor	Intel® 13th Gen Core™ i9/i7/i5/i3 Processor 35W TDP Processor Intel® Core™ i9-13900TE Processor Intel® Core™ i7-13700TE Processor Intel® Core™ i5-13500TE Processor Intel® Core™ i3-13100TE Processor
平台控制器中枢	Intel® H610E Chipset	Intel® H610E Chipset
系统内存	2 x SODIMM Sockets Support Dual Channel DDR5 4800MHz up to 64GB	2 x SODIMM Sockets Support Dual Channel DDR5 4800MHz up to 64GB
扩展	M.2 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) PCIe 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)
存储	M.2 1 x M.2 Key-M 2242/2280 NVMe (PCIe x 4, SATA3) 2.5 Drive Bay 2 x Internal 2.5" Drive Bay (12.5mm)	M.2 1 x M.2 Key-M 2242/2280 NVMe (PCIe x 4, SATA3) 2.5 Drive Bay 1 x Internal 2.5" Drive Bay (12.5mm)
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
串口	2 x RS-232/422/485	1 x RS-232 2 x RS-232/422/485
显示芯片组	Intel® UHD Graphics	Intel® UHD Graphics
显示分辨率	HDMI 1.4b: 3840 x 2160 @ 30Hz DP++ 1.4a: 4096 x 2304 @ 60Hz	HDMI 1.4b: 3840 x 2160 @ 30Hz DP++ 1.4a: 4096 x 2304 @ 60Hz
音频芯片组	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)
以太网接口	2 x RJ45	2 x RJ45
电源信息	220W Flex ATX Power Supply	AC to DC Adapter
输入电压	100 Vac~240 Vac	+12/24Vdc (+9V ~ +36V)
ACPI	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)
颜色	Black	Black
尺寸 (长 x 宽 x 高)	280 x 265 x 75 mm	215 x 210 x 55 mm
系统冷却	60 x 60 x 25mm Fan	40 x 40 x 15 mm
毛重	4.7 Kg	2.2 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
认证	CE, FCC Class B, UKCA	CE, FCC Class A, UKCA

机架式系统

» 1U Racmount Chassis

» 2U Racmount Chassis

» 4U Racmount Chassis



产品型号	BCC-CASE-R1U0-01R	BCC-CASE-R2U0-01R	BCC-CASE-R4U0-02R
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	504 x 482.6 x 88.9 mm
硬盘架	External: Slim ODD x 1 Internal: 3.5" x 2 or 3.5" x 1 & 2.5" x 1	External: 5.25" x 2 Internal: 3.5" x 4	External: 5.25" x 3, 3.5" x 1 Internal: 3.5" x 3, or 3.5" x 2 & 2.5" x 1
扩展槽	1 x Full Height Via Riser Card	7 x Low Profile or 3 x Full Profile	7 x Full Profile
系统冷却	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 Ports	2 x USB Ports	2 x USB Ports
按钮	System Power on/off System Reset	System Power on/off System Reset	System Power on/off System Reset
LED	Power LED HDD LED LAN 1 LAN 2	Power Status LAN Activity Drive Activity	Power Status LAN Activity
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 (Included)	500W PS2 100-240Vac Power Supply	500W PS2 100-240Vac Power Supply
材料	Material: SGCC Thickness: 1.0mm	Material: SGCC Thickness: 1.2mm	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/ Air Flow	0°C ~ 35°C (32°F ~95°F), (w/HDD), Ambient w/ Air Flow	0 ~ 40°C (32°F ~ 104°F) w/ SSD, Ambient w/ 0.5m/s Air Flow
毛重	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: 14.7 kg

高性能计算机



解决方案交付时间

在有限的空间内，对现有的服务器机架、机柜或系统机箱进行无缝升级。



支持 IPMI 2.0

内置板载BMC/IPMI技术，支持实时系统监控，并提供预防性维护功能，以最大程度减少系统停机时间和现场服务成本。



扩展生命周期

英特尔®将物联网(IOTG)相关产品的可用性延长至15年，以响应物联网市场需求。这一举措基于英特尔®物联网产品路线图 (Intel® IOTG Roadmap)

适用于高性能计算的产品：



主板

- 系统级设计与测试能力
- ISO 认证的制造设施



裸机系统

- 高速I/O适配器及配件的采购能力
- 基础系统级集成与测试知识



全集成系统

- 经过全面测试的系统
- 无需相关的硬件工作或经验



生成式人工智能解决方案

- 创建本地部署的生成式人工智能 (GenAI) 企业，实现更低的总体拥有成本 (TCO)
- 适用于企业级部署的即用型解决方案
- 进行企业数据安全和隐私保护

医疗保健

- 精准诊断/生命科学

医疗诊断

- 先进医学成像技术

通信

- 卓越加速工作站

智能制造

- 可视化机器视觉/变革性分析

智慧城市

- 智能公共安全与执法技术

生成式人工智能解决方案



产品型号	GAI-ERS-70B	GAI-ERS-70B-Lite	GAI-ERS-33B
处理器 (CPU类型)	1 x Intel® Xeon® Silver 4510 or Above	1 x Intel® Xeon® Silver 4510 or Above	1 x Intel® Xeon® Silver 4510 or Above
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)	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)
存储	2 x M.2 2280 NVMe SSD 2TB Gen4 AI100E With Riser Card 1 x M.2 2280 SATA3 SSD 4TB 3D TLC for OS	2 x M.2 2280 NVMe SSD 2TB Gen4 AI100E With Riser Card 1 x M.2 2280 SATA3 SSD 4TB 3D TLC for OS	2 x M.2 2280 NVMe SSD 2TB Gen4 AI100E With Riser Card 1 x M.2 2280 SATA3 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: RTX6000 Ada) Slot 2, PCIe 5.0 x4 Slot 3, PCIe 5.0 x16 Slot 4, PCIe 5.0 x4 Slot 5, PCIe 5.0 x16 (GPU: RTX6000 Ada) 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 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 (GPU: RTX4000 Ada) Slot 2, PCIe 5.0 x4 Slot 3, PCIe 5.0 x16 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 (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-ERSUA	HPM-ERSDE	HPM-SIEUA
处理器	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)	AMD SP6 Socket Supports 4th Generation AMD EPYC Processor (Max. TDP at 225W)
系统芯片	Intel® C741 Chipset	Intel® C741 Chipset	N/A
系统内存	6 x DDR5 5600MHz RDIMM up to 1.5TB	12 x DDR5 5600MHz RDIMM up to 3TB	6 x DDR5 4800/ 4400MHz RDIMM up to 1.5TB
扩展	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)	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)
显示	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
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	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	10/5/2/5	12/5/2/5	4/4/2/5
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 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
工作温度	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	0 ~ 45°C (32 ~ 113°F) to Support up to 225W TDP CPU
尺寸(长 x 宽)	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	12" x 9.6" (304.8 x 243.84 mm) PCB Thickness is 2.0 mm
重量	2.62 lbs (1.19 kg)	4.85 lbs (2.2 kg)	2.14 lbs (0.97 kg)

服务器主板



HPM-621DE	HPM-621UA	HPM-246UA
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)
Intel® C621 Chipset	Intel® C621 Chipset	Intel® C246 Chipset
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)
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)
AST 2500 BMC Controller	AST 2500 BMC Controller	Intel® 8/ 9th Generation CPU Integrated AST 2500 BMC Controller
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
4 x Intel® I210AT Giga-bit Ethernet	4 x Intel® I210AT Giga-bit Ethernet	7 x Intel® I210AT Giga-bit Ethernet
8/10/2/4	8/9/2/4	8/4/2/7
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 2.0	IPMI 2.0	IPMI 2.0
0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)	0°C ~ 60°C (32°F ~ 140°F)
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
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-ERSD4A	HPS-ERSDTA	HPS-ERSU4A	HPS-ERSUTA	HPS-SIEU4A	HPS-SIEUTA
处理器 (CPU 类型)	Dual Intel FCLGA4677 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)		AMD LGA4844 Socket Support 4th Generation AMD EPYC 8004 Processors (Max. TDP at 225W)	
芯片	Intel® C741 Chipset		Intel® C741 Chipset		N/A	
内存	12 x DDR5 5600MHz RDIMM up to 3TB		6 x DDR5 5600MHz RDIMM up to 1.5TB		6 x DDR5 4800/4400MHz RDIMM up to 1.5TB	
存储	3 x Front Accessible 2.5" Storage Bays		3 x Front Accessible 2.5" Storage Bays		3 x Front Accessible 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 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)		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)	
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	
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°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	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	19" 4U Rackmount	Tower Chassis
操作系统	Windows 10 IoT Enterprise LTSC 2021, Windows 11 Windows Server 2019, Windows Server 2022 Ubuntu 21.10, 22.04 LTS or Later Red Hat Enterprise Linux (RHEL) 8.2 and Later				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	

机架式与直立式工作站



HPS-621U4A	HPS-621UTA	HPS-621D4A	HPS-621DTA	HPS-246U4A	HPS-246UTA	HPS-621U2A
Intel FCLGA3647 Socket Supports 1st and 2nd Generation Intel® Xeon® Scalable Processors (Max. TDP at 150W)	Dual Intel FCLGA3647 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® FCLGA3647 Socket Supports 1st and 2nd Generation Intel® Xeon Scalable Processors (Max. TDP at 150W)	
Intel® C621 Chipset	Intel® C621 Chipset		Intel® C246 Chipset		Intel® C621 Chipset	
6 x DDR4 2933/ 2666/ 2400/ 2133MHz RDIMM/ LRDIMM up to 768GB	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	
3 x Front Accessible 2.5" Storage Bays	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 2.0	IPMI 2.0		IPMI 2.0		IPMI 2.0	
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)	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)	
4 x RJ45 (LAN1 Shares IPMI Port)	4 x RJ45 (LAN1 Shares IPMI Port)		7 x RJ45 (LAN1 Shares IPMI Port)		4 x RJ45 (LAN1 Shares IPMI Port)	
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		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	
AST 2500 BMC Controller	AST 2500 BMC Controller		Intel® 8/ 9th Generation CPU Integrated AST 2500 BMC Controller		AST 2500 BMC Controller	
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		1 x VGA Port VGA: 1920 x 1200 @ 60Hz 32bpp	
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		2 x 80 x 25 mm Rear Fans		4 x 80 x 25 mm Middle Fans	
1 x 1300W PS2 ATX PSU	1 x 1300W PS2 ATX PSU		1 x 500W PS2 ATX PSU		1 x 1U 80plus Gold 500W PSU	
0 ~ 40°C (32 ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)		0 ~ 45°C (32 ~ 113°F)		0 ~ 40°C (32 ~ 104°F)	
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	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
19" 4U Rackmount	Tower Chassis	19" 4U Rackmount	Tower Chassis	19" 4U Rackmount	Tower Chassis	19" 2U Rackmount
Windows 10 IoT Enterprise Windows Server 2016 Windows Server 2019		Windows 10 IoT Enterprise Windows Server 2016 Windows Server 2019				

CPU 列表

服务器英特尔®至强®可扩展处理器系列列表

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	
			6130	16	32	2.10 GHz	3.70 GHz	125 W	
			6138	20	40	2.00 GHz	3.70 GHz	125 W	
	Cascade Lake	Silver	4209T	8	16	2.20 GHz	3.20 GHz	70 W	
			4210	10	20	2.20 GHz	3.20 GHz	85 W	
			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	
		Gold	5215	10	20	2.50 GHz	3.40 GHz	85 W	
			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	

CPU 列表

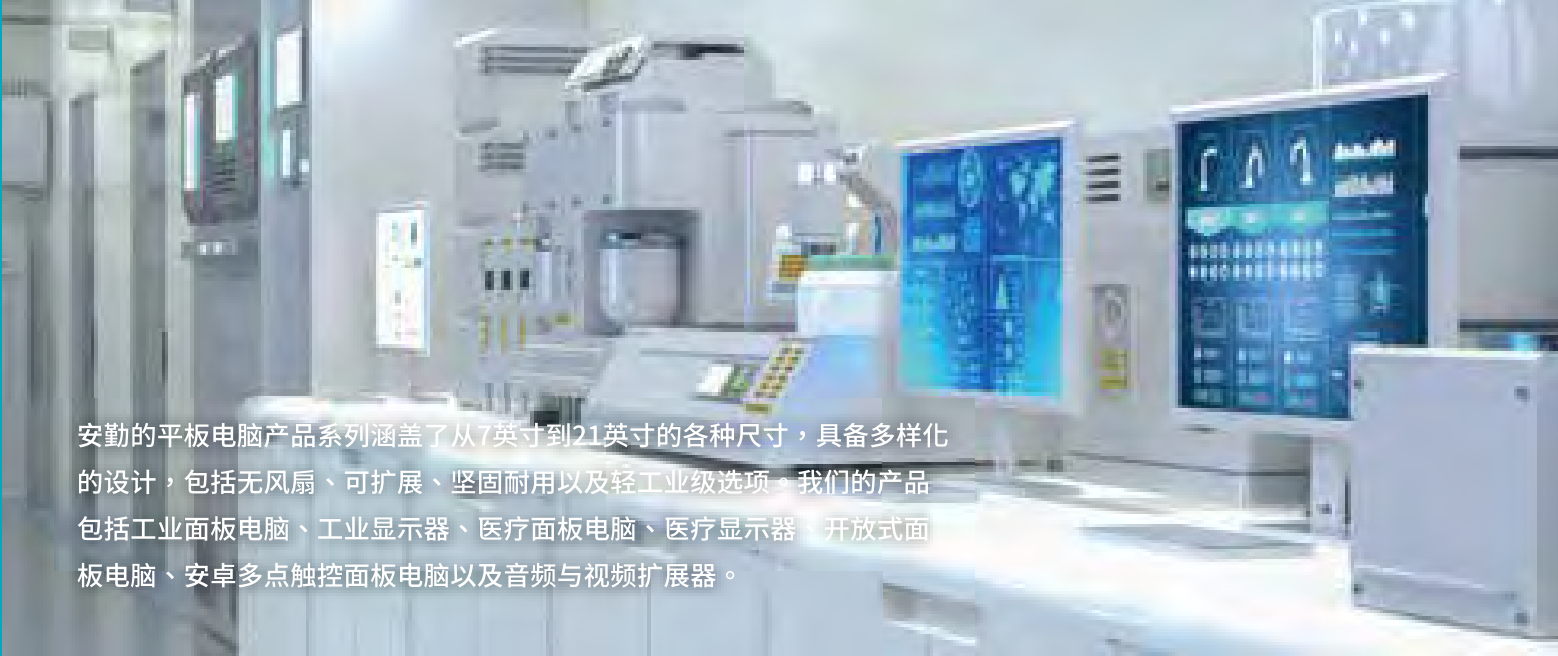
服务器板 HPM-246UA CPU 列表

8/9 代 Intel® Core™ i7/i5/i3/Pentium®/Celeron®/Xeon® E

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-2226GE	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	
			G4900T	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	

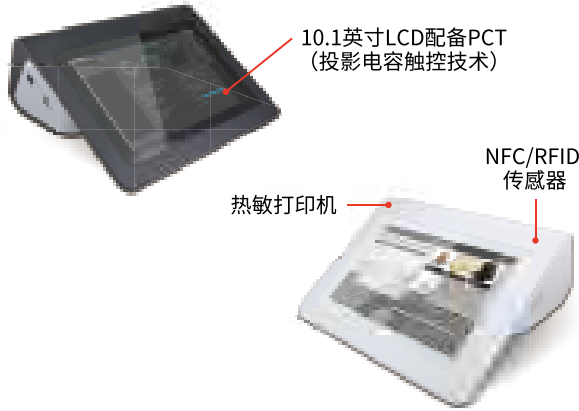


安勤的平板电脑产品系列涵盖了从7英寸到21英寸的各种尺寸，具备多样化的设计，包括无风扇、可扩展、坚固耐用以及轻工业级选项。我们的产品包括工业面板电脑、工业显示器、医疗面板电脑、医疗显示器、开放式面板电脑、安卓多点触控面板电脑以及音频与视频扩展器。

平板电脑 / 显示屏 / 手持平板电脑

POS 终端

» 紧凑型POS (销售终端机)



产品型号	RiPac-10P3
处理器	Intel® Celeron® N3350 1.1GHz Processor
系统内存	4GB LPDDR4 Onboard
存储	64G eMMC/ Option for 128GB
操作系统	Windows 10, Android 8.1
LCD尺寸	10.1" LCD 5" LCD (Customer Facing)
分辨率	1280 x 800 (10.1") 1280 x 720 (5")
触摸屏	Projected Capacitive Touch
无线局域网	Built-in IEEE 802.11 a/b/g/n/ac
蓝牙	Bluetooth 4.2
串口	2 x RS-232 in DB9, Powered with 5V/ 12V
USB 端口	4 x USB 3.0
记忆卡	1 x SD Card Slot Support up to 128GB
网口	2 x RJ45 (Realtek 8111H)
钱箱	1 x RJ11 (12V/ 24V)
NFC	ISO/ IEC 14443 A/B, 15693, 18092 (Optional)
热敏打印纸	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
尺寸	299 (L) x 316.2 (W) x 148.9 (H) mm
重量	3 kg ±10%
工作温度	5°C ~ 40°C (41°F ~ 104°F)
存储温度	-10°C ~ 60°C (14°F ~ 140°F)
工作湿度	0% ~ 95% Non-condensing
认证	CE, FCC, VCCI, CCC

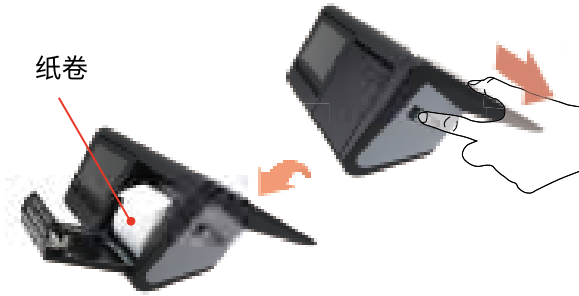
客户显示器

- 5英寸第二块显示器，供客户使用
- 可调节以获得最佳视角



集成打印机

- 支持58/80毫米自动切纸热敏打印机
- 无痛更换纸卷
- 易于更换的打印机模块



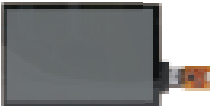
工业平板电脑

专为多样化工业环境量身定制的尖端工业面板电脑。产品系列包括了扩展型、坚固耐用型HMI、轻工业型、自诊断型、不锈钢型、户外型以及基于ARM的面板电脑，确保在具有挑战性的环境中实现强平性能。



开放式平板电脑

释放开放式超薄平板的强大功能，该设备专为无缝集成和全功能设计而打造，非常适合健身终端、零售和工业自动化等多种应用场景。体验为健身环境量身定制的前沿技术，产品具备耐用性、交互式触摸屏和灵活的安装选项等特点。



工业显示屏

工业显示屏系列提供了广泛的坚固屏幕选择，具备 IP65/66 防护等级、触摸面板以及户外应用能力。可提供坚固型工业显示器和条形显示器等选项，用户可享受专业的客户支持服务。



POS 终端

借助安勤最先进的POS终端，提升您的零售体验。我们的先进系统采用前沿技术，确保交易快速且安全。提供包括触摸屏功能、灵活的连接选项以及强大的安全特性在内的多种选择，以满足现代零售环境的需求。

触摸屏套件

我们的触摸屏套件可优化您的工业平板电脑的操作流程，产品提供如PCAP和五线电阻式触摸的粘接选项。这些配备全尺寸面板的套件适用于多样化应用，确保在实施过程中的效率和精准度。

基于ARM的平板电脑

POS 终端

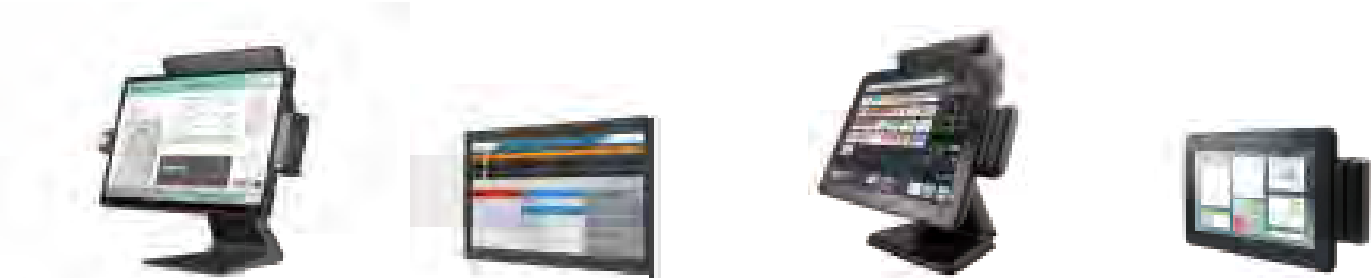
» 台式POS



Model Number	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/m²	220 cd/m²	400 cd/m²
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	Build-in Touch Controller	Build-in Touch Controller	Build-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 (10Gbp/s) 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)
音频接口	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

POS 终端

» 台式POS



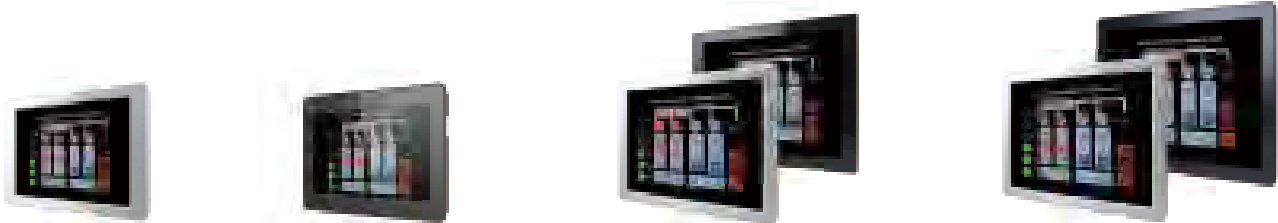
PT58	RiVar-1502	Rity153	Rity103
15.6", 16:9	15.6", 16:9	15", 4:3	10.1", 16:9
Full HD	Full HD	XGA	WSVGA
1920 x 1080	1920 x 1080	1024 x 768	1024 x 600
0.179 x 0.179 mm	0.179 x 0.179 mm	0.297 x 0.297 mm	0.2175 x 0.2088 mm
250 cd/m²	300 cd/m²	500 cd/m²	350 cd/m²
85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	88 (U), 88 (D), 88 (L), 88 (R)	70 (U), 70 (D), 70 (L), 70 (R)
Projective Capacitive	Projective Capacitive	5-Wire Resistive/ Projective Capacitive Touch	5-Wire Resistive/ Projective Capacitive Touch
85%	85%	RES 75%/ PCT90%	RES 75%/ PCT90%
Build-in Touch Controller	Build-in Touch Controller	Onboard USB Touch (PenMount)/ USB Touch (EETI)	Onboard USB Touch (PenMount)/ USB Touch (EETI)
Intel® Celeron® Processor J6412 12th Gen. Intel® Core™ i3-1215U/ i5-1235U	Intel® Celeron® Processor J3455	Intel® Celeron® Processor N3350 1.1GHz	Intel® Celeron® Processor N3350 1.1GHz
Intel® Elkhart Lake SoC Intel® Alder Lake SoC	Intel® Apollo Lake SoC	Intel® Apollo Lake SoC	Intel® Apollo Lake SoC
1 x 8GB DDR4 SO-DIMM Memory (Max. Support up to 16GB)	Default Onboard 4GB DDR4 SDRAM (Option up to 8GB)	1 x 204-Pin DDR3L 1066MHz SO-DIMM up to 8 GB	1 x 204-Pin DDR3L 1066MHz SO-DIMM up to 8 GB
1 x M.2 Slot for Storage	1 x M.2 E Key Slot for .2.4/ 5G WiFi Module	1 x M.2 B Key Slot Support	1 x M.2 B Key Slot Support
M.2 2242 SATA 128GB	Default 128GB eMMC	1 x 2.5" Drive Bay, 1 x M.2 B Key Slot	1 x M.2 B Key Slot
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	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	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
Intel® UHD Graphics	Intel® HD Graphics 500	Intel® HD Graphics 500	Intel® HD Graphics 500
Realtek ALC887	ES8316C	Realtek 888S	Realtek 888S
2 x 2W Speaker	2 x 2W Speaker	2 x 2W Speaker	2 x 2W Speaker
1 x RJ45 with Realtek RTL8111H	2 x RJ45 with Realtek 8111H	2 x Realtek RTL8111E-VB-GR	2 x Realtek RTL8111E-VB-GR
10.1" Resolution 1280 x 800	N/A	N/A	N/A
iButton Reader/ RFID Reader/ Fingerprint Reader/ 2D Scanner/ 2 x 20 Character LCM/ 3-Track MSR USB Interface	Camera/ NFC/ MSR	MSR	N/A
Mini-din 4P for DC in w/ Lock Type +19V DC in	DC Jack w/ Lock Type +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 +19V ~ 24V DC in
ATX	ATX	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)
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: 90W Adapter (24V @ 3.75A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 90W Adapter (24V @ 3.75A Adapter)
Aluminum + Plastic	Plastic	Black Coverlens, ABS Plastic	Black Coverlens, ABS Plastic
IP65 for Front Panel	IP65 for Front Panel, IP41 for Rear	IP65 for Front Panel	IP65 for Front Panel
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)
361.6 x 300.5 x 191.9 mm	391 x 251 x 44.5 mm	362.1 x 290.08 x 51 mm	260 x 178 x 42 mm
3 kg	2.7 kg	4 kg	1.8 kg
CE/ FCC/ VCCI	CE/ FCC/ VCCI: Class B	CE, FCC Class B, VCCI	CE, FCC Class B, VCCI
Windows 10 IoT (64 bit) Windows 11 (64 bit)	Windows 10, Android 8.1	Win10 IoT, Linux	Win10 IoT, 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/m²	300 cd/m²	250 cd/m²
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		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



ARC-1037	ARC-10W37	ARC-1239	ARC-1539
10.4", 4:3	10.1", 16:10	12.1", 4:3	15", 4:3
XGA	WXGA	XGA	XGA
1024 x 768	1280 x 800	1024 x 768	1024 x 768
0.0685 mm (H) x 0.2055 mm (V)	0.1695 mm x 0.1695 mm	0.240 mm (H) x 0.240 mm (V)	0.297mm (H) x 0.297mm (V)
500 cd/m²	350 cd/m²	600 cd/m²	500 cd/m²
1200	800	1000	2500
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)
25 ms	25 ms	13 ms	16 ms
LED	LED	LED	LED
5-Wire Resistive Touch	PCAP Multi-touch up to 10 Points	A Model: 5 Wires Resistive Touch B Model: PCAP Multi-touch up to 10 Points	
80%	88%	80% (Resistive)/ 89% (PCAP)	
Onboard USB Touch (PenMount)	USB Touch (EETI)	Onboard USB Touch (PenMount) for Resistive; USB Touch (EETI) for PCAP	
ARC-ADLN		ARC-ASL	
Onboard Intel® Pentium®/ Celeron®/ Atom™ Alder Lake-N Processor		Onboard Intel® Atom™ x7000RE Series Amston Lake Processor	
EC ITE IT5782VG		EC ITE IT5782VG	
Single 262-pin DDR5 4800MHz SO-DIMM Socket Supports up to 32GB Max (Non ECC Only)		1 x 262-pin DDR5 4800MHz SO-DIMM Socket, Supports up to 16GB	
1 x M.2 Key-E 2230 for for Wi-Fi & BT Module 1 x M.2 Key-B 2242/3042/3052 for SATA3/ PCIe x1/ USB3.1		1 x M.2 Key-B 2242/3042/3052 for SATA3/ PCIe x1/ USB3.1 1 x M.2 Key-E 2230 for for Wi-Fi & BT Module 1 x 80-pin IET Interface	
1 x M.2 Key-B 2242/3042/3052 for SATA3/ PCIe x1/ USB 3.1 or 1 x 2.5" Drive Bay (7mm HDD Restricted)		1 x M.2 Key-B 2242/3042/3052 for SATA3/ PCIe x1/ USB 3.1 or 1 x 2.5" Drive Bay (7mm HDD Restricted)	
2 x USB 3.1 Gen.2 (1 x Dual Deck, Type A) 1 x USB Type C (w/ PD, USB, Display Function)		2 x USB 3.1 Gen.2 (1 x Dual Deck, Type A) 1 x USB Type C (w/ PD, USB, Display Function)	
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		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	
Intel® Alder Lake-N Processor Integrated Gen 12 UHD Graphics		Intel® UHD Graphics	
HDMI: Max. Resolution 4096 x 2160 @ 60Hz (Optional by IET Module)		HDMI: Max. Resolution 4096 x 2160 @ 60Hz (Optional by IET Module)	
Realtek ALC888S/ 897		Realtek ALC 888S/897	
2 x 2W Speakers		2 x 2W Speaker Output Line-in, Line-out, Mic-in by Expandable IET (Option)	
2 x Intel® I226-LM 2.5 Gigabit Ethernet		2 x Intel® I226LM 2.5 GbE	
Lockable DC Jack, +12V ~ 24V		Lockable DC Jack (Phoenix Connector by Option), +12V ~ 24V	
AT/ ATX (ATX is Default Setting)		AT/ ATX (ATX is Default Setting)	
Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 72W Adapter (19V @ 3.78A)		Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 72W Adapter (19V @ 3.78A Adapter)	
Front Metal, Rear Aluminum Die Casting	Aluminum Die Casting	Silver Aluminum (Resistive), Die Casting with Cover Lens (P-cap); Black Die Casting	
-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)	
-20°C ~ 60°C (-4°F ~ 140°F)		-20°C ~ 60°C (-4°F ~ 140°F)	
CE, FCC Class B		CE, FCC Class B	
Windows 10 IoT, Windows 11 IoT, Linux		Windows 10 IoT, Windows 11 IoT, Linux	
259.6 x 195.8 x 46 mm	282.29 x 200.93 x 50.9 mm	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
2.3 kg	2.17 kg	2.4 kg	3.7 kg

加固型平板电脑



产品型号	ARC-1242	ARC-1542	ARC-21W42
LCD尺寸/显示类型	12.1", 4:3/ XGA	15", 4:3/ XGA	21.5", 16:9/ Full HD
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)	247.95 um (H) x 247.95 um (V)
亮度	600 cd/m²	500 cd/m²	500 cd/m²
对比度	1000	2500	1000
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	14 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)	89 %
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	USB Touch (EETI)
SBC	ARC-RPLPS	ARC-RPLPS	ARC-RPLPS
处理器	13th Generation Intel® Core™ i3/i5/i7 Processors (LGA1700 Socket)	13th Generation Intel® Core™ i3/i5/i7 Processors (LGA1700 Socket)	13th Generation Intel® Core™ i3/i5/i7 Processors (LGA1700 Socket)
I/O 芯片	EC ITE IT5782VG	EC ITE IT5782VG	EC ITE IT5782VG
系统内存	1 x 262-pin DDR5 4800MHz SO-DIMM up to 32GB	1 x 262-pin DDR5 4800MHz SO-DIMM up to 32GB	1 x 262-pin DDR5 4800MHz SO-DIMM up to 32GB
扩展	1 x M.2 Key-B 2242/3042/3052/2280 with SIM Card Slot Support SATA3/ PCIe & USB for LTE (4/5G)/ NVMe 1 x M.2 (Key-E, 2230, PCIe1, USB2.0) 1 x 80-pin IET Interface	1 x M.2 Key-B 2242/3042/3052/2280 with SIM Card Slot Support SATA3/ PCIe & USB for LTE (4/5G)/ NVMe 1 x M.2 (Key-E, 2230, PCIe1, USB2.0) 1 x 80-pin IET Interface	1 x M.2 Key-B 2242/3042/3052/2280 with SIM Card Slot Support SATA3/ PCIe & USB for LTE (4/5G)/ NVMe 1 x M.2 (Key-E, 2230, PCIe1, USB2.0) 1 x 80-pin IET Interface
存储	1 x M.2 Support SATA, or 1 x 2.5" SATA3 Drive Bay	1 x M.2 Support SATA, or 1 x 2.5" SATA3 Drive Bay	1 x M.2 Support SATA, or 1 x 2.5" SATA3 Drive Bay
USB	4 x USB 3.2, 1 x USB Type C (with PD, Display, USB Function)	4 x USB 3.2, 1 x USB Type C (with PD, Display, USB Function)	4 x USB 3.2, 1 x USB Type C (with PD, Display, USB Function)
串口	1 x RS-232/422/485, 1 x RS-232	1 x RS-232/422/485, 1 x RS-232	1 x RS-232/422/485, 1 x RS-232
其他	7 x Knockouts for Antenna Mounting (5 from Rear Cover + 2 from IET Bracket)	7 x Knockouts for Antenna Mounting (5 from Rear Cover + 2 from IET Bracket)	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)	Intel® Iris® Xe Graphics (for Core i5 & i7) Intel® UHD Graphics for 12th Gen Intel® Processors (for Core i3 & Celeron)	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/897	Realtek ALC 888S/897	Realtek ALC 888S/897
音频接口	2 x 2W Speaker Output Line-in, Line-out, Mic-in by Expandable IET (Option)	2 x 2W Speaker Output Line-in, Line-out, Mic-in by Expandable IET (Option)	2 x 2W Speaker Output Line-in, Line-out, Mic-in by Expandable IET (Option)
以太网	2 x Intel® I226LM 2.5 GbE	2 x Intel® I226LM 2.5 GbE	2 x Intel® I226LM 2.5 GbE
电源连接器	Lockable DC Jack (Phoenix Connector by Option), +12V ~ 24V	Lockable DC Jack (Phoenix Connector by Option), +12V ~ 24V	Lockable DC Jack (Phoenix Connector by Option), +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: 72W Adapter (19V @ 3.78A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 72W Adapter (19V @ 3.78A Adapter)	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)	-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 B	CE, FCC Class B	CE, FCC Class B
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
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 60.05mm
重量	2.4 kg	3.7 kg	7.3 kg

加固型平板电脑



产品型号	ARC-1238	ARC-1538	ARC-21W38	ARC-1738-C1
LCD尺寸	12.1"	15"	21.5"	17"
显示类型	XGA	XGA	Full HD	SWGA
分辨率	1024 x 768	1024 x 768	1920 x 1080	1280 x 1024
像素间距	0.240 x 0.240 mm	0.297 x 0.297 mm	0.248 x 0.248	0.264 x 0.264
亮度	600 cd/m²	300 cd/m², 500 cd/m²	250 cd/m²	250 cd/m²
对比度	1000	2000	3000	1000
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)	80 (U), 80 (D), 85 (L), 85 (R)
响应时间	13 ms	16 ms	20 ms	5 ms
背光	LED	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	PCAP Multi-touch up to 10 Points (Full Flat Design)
透光率	5-Wire Resistive Touch: 80%, Projective Capacitive Multi-Touch: 89%		88%	89%
触摸控制器	A Model: Onboard USB Touch (PenMount) B Model: External USB Controller		USB touch (EETI)	Onboard USB Touch (ILITEK)
SBC	ARC-TGL		EMX-TGLC	
处理器	On board 11th Gen. Intel® Core™ i7/i5/i3/ Celeron BGA Processor			On board 11th Gen. Intel® Core™ i5/i3/Celeron BGA Processor
I/O 芯片	EC (IT8528VG-I/FX)			EC (ITE IT8528E)
系统内存	Single 260-pin DDR4 SODIMM Socket, Supports up to 32GB DDR4 3200MTs SDRAM			2 x 260-pin DDR4 3200 MHz SO-DIMM Socket, up to 64GB Max
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			1 x M.2 Key B 3042/3052/2242/2260/2280 for SATA/ USB 3.0/ USB 2.0, 1 x M.2 Key E 2230 Support WiFi Module
存储	1 x M.2 Key-B 2242/3042/3052 for SATA3/PCIe x1/ USB3.1 or 1 x 2.5" Drive Bay (7mm HDD Restricted)			1 x M.2 Key B 3042/3052/2242/2260/2280 Support 1 x PCIe x1/SATA/ USB 3.0/ USB 2.0 or 1 x 2.5" Drive Bay
USB	4 x USB 3.1 Gen.2			3 x USB 3.1 Gen2, 1 x USB 3.1 Gen1, 3 x USB 2.0 (Optional) *1 x USB 2.0 for Option Shared The Same Port with COM
串口	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			COM1: 1 x RS-232/422/485 (Default); COM2: 1 x RS-232/422/485 (Optional); COM3: 1 x RS-232 (Optional) COM4 ~ 6: 3 x RS-232/ GPIO/ USB 2.0 (Optional)
显示芯片组	Intel® 11th Generation CPU Integrated			Intel® 11th Generation CPU Integrated
显示分辨率	HDMI: Max. Resolution 4096 x 2160 @ 60Hz (Optional by IET Module)			2 x DP++: 1920 x 1080 @ 60Hz
音频	Realtek ALC897			Realtek ALC897 Co-lay ALC888S & Tempo 92HD73
音频接口	2 x 2W Speakers			2 x 5W Speakers
以太网	1 x Intel® I219LM PCI-e Gigabit Ethernet, 1 x Intel® I225LM 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, +12 ~ 24V			Mini-DIN 4pin DC-in, +12V ~ 24V DC-in
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: 72W Adapter (19V @ 3.78A)		Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 120W Adapter (24V @ 5A)	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			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 B			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	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	393 x 325 x 72 mm
重量	2.4 kg	3.7 kg	7.3 kg	4.4 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/m²	350 cd/m²
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

加固型平板电脑



FPC-10W39	FPC-1736	FPC-21W42
10.1"	17"	21.5
WSVGA	SWGA	FHD
1024 x 600	1280 x 1024	1920 x 1080
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)
350 cd/m²	250 cd/m²	250 cd/m²
500	1000	1000
70 (U), 70 (D), 70 (L), 70 (R)	80 (U), 80 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
16 ms	5 ms	20 ms
LED	LED	LED
5-Wire Resistive	Projective Capacitive	Projective Capacitive
80 %	89 %	85%
Onboard USB Touch (EETI)	Onboard USB Touch (ILITEK)	Onboard USB Touch (EETI)
ECM-ASL	EMX-H3102C	MX610H
Intel® Processor N97 3.60GH Processor	Intel® Core™ i3/i5/i7 Processors (LGA1151 Socket, Max. TDP at 65W)	13th Generation Intel® Core™ i3/i5/i7 Processors (LGA1700 Socket)
N/A	Intel® H310 Express Chip	Intel® H610E
ITE IT5782VG	ITE IT8786E-I	Fintek® F81966AB-I
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
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
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
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
Intel® UHD Graphics Integrated Graphics Supports Triple Display	Intel® 8/ 9th Generation CPU Integrated	Intel® UHD Graphics Integrated Graphics Supports Triple Display
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
Realtek ALC888S	Realtek ALC888S Support 5.1-CH	Realtek ALC897
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
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
Metal, Aluminum + Metal	Metal	Metal
300 x 195 x 73 mm	392.7 x 325.32 x 121.55 mm	538 x 341 x 122 mm
1.50 kg	7.5 kg	12.6 kg
0°C ~ 40°C (32°F ~ 104°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)	-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
CE, FCC Class B, UKCA, LVD, VCCI	CE, FCC Class A, CCC	CE, FCC Class B, UKCA, LVD, VCCI
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/m²	250 cd/m²	350 cd/m²
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 WiFi 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 WiFi Module	1 x M.2 key-E 2230 Supports WiFi Module 1 x M.2 key-B 3042/2242 1 x M.2 key-M Supports WiFi Module
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 (USB2.0)
COM Port	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

不锈钢平板电脑



SPC-1533-B1	SPC-2133-B1	SPC-15W37
15", 4:3	21.5", 16:9	15.6", 16:9
XGA	Full HD, 1920 x 1080	Full HD
1024 x 768		1920 x 1080
0.297 x 0.297 mm	0.248 x 0.248 mm	179.25 um (H) x 179.25 um (V)
300 cd/m²	250 cd/m²	450 cd/m²
2000	3000	800
88 (U), 88 (D), 88 (L), 88 (R)	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
16 ms	18 ms	30 ms
LED	LED	LED
PCAP Multi-touch up to 10 Points	PCAP Multi-touch up to 10 Points	PCAP Multi-touch up to 10 Points
89%	89%	89%
USB (EETI)	USB (EETI)	USB (EETI)
EMX-APLP	EMX-APLP	EMX-ASLP
Onboard Intel® Apollo Lake Processor	Onboard Intel® Apollo Lake Processor	Onboard Intel® Alder Lake-N Processor
ITE IT8528	ITE IT8528	IT5782VG
2 x 204-pin DDR3L 1600MTs, up to 16GB Max.	2 x 204-pin DDR3L 1600MTs, up to 16GB Max.	1 x 262-pin DDR5 4800MHz SO-DIMM, up to 16GB Max.
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 WiFi Module	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 WiFi Module	1 x M.2 Key-B, 2242/3042/3052, with SIM Card Slot Support SATA3/ PCIe & USB for LTE (4/5G) 1 x M.2 Key-E, 2230 supports WiFi module
1 x Full Size Mini PCI-e mSATA, 1 x 2.5" SATA3 Drive Bay	1 x Full Size Mini PCI-e mSATA, 1 x 2.5" SATA3 Drive Bay	1 x M.2 Support SATA, 1 x 2.5" SATA3 Drive Bay
2 x M12 Connector (USB2.0)	2 x M12 Connector (USB2.0)	2 x M12 Connector (USB 2.0)
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 (RS-232/422/485 by Jumper & BIOS Selection)
Intel® SoC integrated Graphics	Intel® SoC integrated Graphics	Intel® UHD Graphics
Realtek ALC 888S/897	Realtek ALC 888S/897	Realtek ALC 888S/ 897
1 x M2 Connector (1 x Intel® I210AT PCIe Gigabit Ethernet)	1 x M2 Connector (1 x Intel® I210AT PCIe Gigabit Ethernet)	1 x M2 Connector (2 x Intel® I226LM 2.5 Gigabit Ethernet)
1 x M12 DC Jack, +12V ~ 26V (Option for Phoenix Connector)	1 x M12 DC Jack, +12V ~ 26V (Option for Phoenix Connector)	1 x M12 DC Jack, +12 ~ 24V
AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)	AT/ ATX (ATX is Default Setting)
Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 72W Adapter (19V @ 3.78A Adapter)
Stainless Steel	Stainless Steel	Stainless Steel
-10°C ~ 50°C (-14°F ~ 122°F)	-10°C ~ 50°C (-14°F ~ 122°F)	-10°C ~ 50°C (-14°F ~ 122°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)
CE, FCC Class A	CE, FCC Class A	CE, FCC Class A
Windows 10 IoT, Linux, Android x86 8.1	Windows 10 IoT, Linux, Android x86 8.1	Windows 10 IoT, Windows 11 IoT, Linux
Full IP66, IP69K	Full IP66, IP69K	Full IP66, IP69K
393 x 315.8 x 49 mm	562 x 365.8 x 49 mm	TBD
5.7 kg	9.4 kg	5.7 kg

通用平板电脑



Model Number	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 x 0.1695 mm	0.153 (H) x 0.153 (V) mm	0.24795 x 0.24795 mm	0.1692 x 0.1692 mm
亮度	350 cd/m²	300 cd/m²	250 cd/m²	350 cd/m²
对比度	800	700	3000	800
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	30 ms
背光	LED	ELED	LED	LED
触摸屏信息	PCAP	PCAP	PCAP	PCAP
透光率	86%	86%	86%	86%
SBC	ACP-RK3568	ACP-RK3568B	ACP-RK3568	ACP-APL
处理器	Rockchip RK3568	Rockchip RK3568	Rockchip RK3568	Intel Celeron J3455 1.5GHz
I/O 芯片	Rockchip SoC Integrated	Rockchip SoC Integrated	Rockchip SoC Integrated	Intel Celeron Integrated
内存	2GB DDR4 on board	4GB DDR4 on board	2GB DDR4 on board	1 x 4GB 204 pin SO-DIMM DDR3L
存储	32GB eMMC on board	32GB eMMC on board	32GB eMMC on board	32GB eMMC/ M.2 3042 SSD
图像	Mali-G52 GPU	Mali-G52 GPU	Mali-G52 GPU	Intel® HD Graphics 500
HDMI 分辨率	HDMI up to 1080p @ 120Hz	1 x HDMI-in	HDMI up to 1080p @ 120Hz	HDMI up to 1080p @ 60Hz
USB 端口	2 x USB 3.0 Type A	1 x USB type-A 3.0 1 x USB type-A 2.0 1 x USB type-C	2 x USB 3.0 Type A	2 x USB 3.0 Type A
串口端口	1 x RS-232 DB9	N/A	1 x RS-232 DB9	1 x RS-232/485 DB9
音频接口	1 x Headphone Jack	N/A	1 x Headphone Jack	1 x Headphone Jack
以太网	10/100/1000 RJ45 LAN	10/100/1000 RJ45 LAN	10/100/1000 RJ45 LAN	10/100/1000 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	BT 5.0	BT 5.4	BT 5.0	BT 5.0
电源连接器	DC Jack +12 ~ +24VDC	DC Jack +12 VDC/ Powered LAN	DC Jack +12 ~ +24VDC	DC Jack +12 ~ +24VDC
电源模式	AT/ ATX (AT is Default Setting)	AT/ ATX (AT is Default Setting)	AT/ ATX (AT is Default Setting)	AT/ ATX (AT is Default Setting)
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	255.2 x 169.4 x 40.7 mm	370 x 228 x 23.5mm	533.3 x 329.3 x 56.6 mm	258.8 x 182.8 x 49.6 mm
重量	1.36 kg	2.1 kg	7.2 kg	1.36 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)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	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	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B
操作系统	Android 11, Debian 11	Android 14	Android 11, Debian 11	Windows 10 IoT Ubuntu 20.04

通用平板电脑



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 x 0.17925 mm	0.24795 x 0.24795 mm	0.1692X0.1692 mm	0.17925 x 0.17925 mm	0.24795 x 0.24795 mm
220 cd/m²	250 cd/m²	350 cd/m²	220 cd/m²	500 cd/m²
800	3000	1000	800	1000
85 (U), 85 (D), 85 (L), 85 (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)
30 ms	30 ms	25 ms	30 ms	14 ms
LED	LED	LED	LED	LED
PCAP	PCAP	PCAP	PCAP	PCAP
85%	86%	85%	85%	85%
ACP-APL	ACP-APL	ACP-ADL	ACP-ADL	ACP-ADL
Intel Celeron J3455 1.5GHz	Intel Celeron J3455 1.5GHz	Intel® N50 1.0 GHz	Intel® N50 1.0 GHz	Intel® N50 1.0 GHz
Intel Celeron Integrated	Intel Celeron Integrated	Intel® N50 Integrated	Intel® N50 Integrated	Intel® N50 Integrated
1 x 4GB 204 pin SO-DIMM DDR3L	1 x 4GB 204 pin SO-DIMM DDR3L	8GB LPDDR5 on board	8GB LPDDR5 on board	8GB LPDDR5 on board
32GB (eMMC)/ M.2 3042 SSD	32GB (eMMC)/ M.2 3042 SSD	64GB eMMC 32/ 128GB (Optional)	64GB eMMC 32/ 128GB (Optional)	64GB eMMC 32/ 128GB (Optional)
Intel® HD Graphics 500	Intel® HD Graphics 500	Intel® UHD Graphics	Intel® UHD Graphics	Intel® UHD Graphics
HDMI up to 1080p @ 60Hz	HDMI up to 1080p @ 60Hz	HDMI up to 4096x2304@60fps	N/A	N/A
2 x USB 3.0 Type A	2 x USB 3.0 Type A	2 x USB 3.0 Type A	2 x USB 3.0 Type A	2 x USB 3.0 Type A
1 x RS-232/485 DB9	1 x RS-232/485 DB9	1 x RS-485/232	1 x RS-232/422/485 (RJ45 Type)	1 x RS-232/422/485 (RJ45 Type)
1 x Headphone Jack	1 x Headphone Jack	1 x Headphone Jack	1 x Headphone Jack	1 x Headphone Jack
10/100/1000 RJ45 LAN	10/100/1000 RJ45 LAN	10/100/1000 RJ45 LAN	10/100/1000 RJ45 LAN	10/100/1000 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
BT 5.0	BT 5.0	BT 5.2	BT 5.2	BT 5.2
DC Jack +12 ~ +24VDC	DC Jack +12 ~ +24VDC	DC Jack +12 ~ +24VDC	DC Jack +12 ~ +24VDC	DC Jack +12 ~ +24VDC
AT/ ATX (AT is Default Setting)	AT/ ATX (AT is Default Setting)	AT/ ATX (AT is Default Setting)	AT/ ATX (AT is Default Setting)	AT/ ATX (AT is Default Setting)
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	Metal, Black	Metal, Black	Metal, Black	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 45 mm	388.8 x 258.8 x 39mm	535.3 x 329.3 x 46mm
3.59 kg	7.2 kg	1.27 kg	2.85 kg	7.27 kg
Front IP65	Front IP65	Front IP65	Front IP65	Front IP65
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)	0°C ~ 40°C (32°F ~ 104°F)
5% ~ 90% Relative Humidity, Non-condensing	5% ~ 90% Relative Humidity, Non-condensing	5% ~ 90% Relative Humidity, Non-condensing	5% ~ 90% Relative Humidity, Non-condensing	5% ~ 90% Relative Humidity, Non-condensing
CE, FCC Class B	CE, FCC Class B	CE, FCC Class B	CE, FCC Class B	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 mm (H) x 0.17925 mm (V)
亮度	400 cd/m²
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	Projective Capacitive
透光率	≥ 87%
触摸控制器	USB Touch (ILITEK)
SBC	ACP-RK3568A
处理器	Rockchip RK3568
系统芯片	Rockchip
I/O 芯片	N/A
系统内存	4GB LPDDR4 on board
扩展	1 x M.2 3042 B-Key for LTE or SSD
存储	64GB eMMC on board
USB	2 x USB 3.0
串口	1 x RS-232/485 (RJ45 Type)
显示芯片组	Rockchip
音频	Everest ES8388
音频接口	1 x Line-out, 2 x Speaker
以太网	1 x Realtek RTL8211F Gigabit
电源连接器	DC Jack +12 ~ 24V DC in/ Powered LAN
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



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	0.1178 x 0.1178 mm	0.1695 x 0.1695 mm
亮度	300 cd/m²	350 cd/m²
对比度	500	800
视角	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)
响应时间	20ms	30 ms
背光	LED	LED
触摸屏信息	PCAP	PCAP
透光率	75%	86%
触摸控制器	Rockchip RK3568 Quad-Core ARM Cortex-A55, up to 2.0GHz	
I/O 芯片	Rockchip SoC Integrated	
系统内存	2GB DDR4 on board	
扩展	32GB eMMC on Board	
HDMI 分辨率	HDMI Up to 1080p @ 30Hz	
USB 端口	2 x USB 3.0 (Type A)	
音频	1 x Headphone Jack, 2 x 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	BT 5.0	
电源连接器	DC Jack +12 ~ +24V	
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	191 x 124 x 33 mm	261 x 181 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, Debain 11	

通用平板电脑



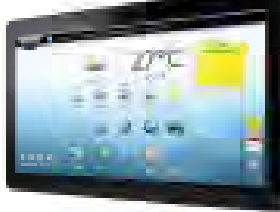
Model Number	VNS-10WR2	VNS-10WAD
LCD尺寸	10.1"	10.1"
显示类型	WXGA	WXGA
分辨率	1280 x 800	1280 x 800
像素间距	0.1695 (H) x 0.1695 (V) mm	0.1695 (H) x 0.1695 (V) mm
亮度	350 cd/m²	350 cd/m²
对比度	800	800
视角	85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)
响应时间	30 ms	30 ms
背光	LED	LED
触摸屏信息	PCAP	PCAP
透光率	86%	86%
触摸控制器	USB Interface	SIS9255
SBC	ACP-RK3568A	ACP-ADL
处理器	Rockchip RK3568	Intel® Alder Lake-N50 Processor
系统内存	4GB LPDDR4 on board	8GB LPDDR5 on board
存储	64GB eMMC on board 1 x M.2 3042 B-Key	64GB eMMC on board
USB	2 x USB 3.0 Type A	2 x USB Type A 3.0
串口	1 x RS-232/485 (RJ45 Type)	1 x RS-232/422/485 (RJ45 Type)
其他	Touch Button for Power/ Brightness/ Volume 1 x 3.5mm Audio Jack, NFC, Cam 2.0 MP LED Indicating Bar	2.0MP Camera Wi-Fi 802.11a/b/g/n/ac/ax, BT 5.2, NFC LED Indicating Bar
显示芯片组	Rockchip	Intel® UHD Graphics
显示分辨率	1280 x 800	1280 x 800
音频	Everest ES8388	ALC233/256
音频接口	1 x Line-out, 1 x Mic-in, 2 x Speaker	1 x Line-out, 2 x Speaker
以太网	1 x Realtek RTL8211F Gigabit	1x RTL8111I-CG
电源连接器	DC Jack +12 ~ 24V DC in/ Powered LAN	DC Jack +12 ~ 24V DC in/ Powered LAN
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	1.1kg
认证	CE, FCC Class B	CE, FCC Class B
操作系统	Android 11, Debain 11	Windows 10/11, Ubuntu 22.04

轻工业型平板电脑



产品型号	APC-2132	APC-2138
LCD尺寸	21.5"	21.5"
显示类型	Full HD	Full HD
分辨率	1920 x 1080	1920 x 1080
像素间距	0.248mm (H) x 0.248mm (V)	0.248mm (H) x 0.248mm (V)
亮度	250 cd/m²	250 cd/m²
对比度	1000	1000
视角	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	22 ms	14 ms
背光	LED	LED
触摸屏信息	Projective Capacitive	Projective Capacitive
透光率	≥ 85%	≥ 85%
触摸控制器	USB Touch (EETI)	USB Touch (ILITEK)
SBC	ARC-SKLU	EMX-TGLC
处理器	Intel® Core™ i7/i5/i3/ Celeron Processor	Intel® Core™ i5/i3/ Celeron Processor
系统芯片	Intel® Skylake U SoC Integrated	Intel® Tigerlake U SoC Integrated
I/O 芯片	EC ITE IT8528E	EC ITE IT8528E
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
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 WiFi Module
存储	1 x 2.5" SATA3 SSD	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
串口	1 x RS-232/422/485, 1 x RS-232	2 x RS-232/422/485
显示芯片组	Intel® Skylake SoC Integrated Graphics Supports Dual Display	Intel® Tigerlake SoC Integrated Graphics Supports Dual Display
音频	Realtek ALC888S Support 5.1-CH	RealTek ALC897
音频接口	1 x Line-out, 1 x Mic-in (by IET Module)	N/A
以太网	1 x Intel® I210AT 1 x Intel® I219LM	1 x Intel® I219LM 1 x Intel® I225IT
电源连接器	Lockable DC Jack, +12V ~ +26V	Lockable Mini Din 4-pin, +12V ~ +24V
电源模式	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)
结构 (前/后)	Plastic-black	Plastic-black
尺寸	539.6 x 342.6 x 45.5 mm	539.6 x 342.6 x 45.2 mm
重量	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)
存储温度	-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
操作系统	Windows 7, Windows 8.1, Windows 10 IoT, Linux	Windows 10 IoT, Linux

轻工业型平板电脑



产品型号	APC-2334	APC-2340
LCD尺寸	23.8"	23.8"
显示类型	Full HD	Full HD
分辨率	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)
亮度	250 cd/m²	250 cd/m²
对比度	3000	3000
视角	89 (U), 89 (D), 89 (L), 89 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	16 ms	16 ms
背光	LED	LED
触摸屏信息	Projective Capacitive	Projective Capacitive
透光率	89%	89%
触摸控制器	USB Touch (EETI)	USB Touch (EETI)
SBC	EMX-KBLUP	EMX-ADLP
处理器	Intel® Core™ i7/i5/i3/ Celeron Processor	12th/13th Gen Intel® Core™ i7/5/3/Celeron Processor
系统芯片	Intel® Kabylake U SoC Integrated	Intel® Alder Lake SoC
I/O 芯片	EC ITE IT8528E	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
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 WiFi Module
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
USB	4 x USB 3.0	2 x USB 3.2 Gen2, 2 x USB 3.0 Gen.2
串口	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
音频	Realtek ALC888S Support 5.1-CH	Realtek ALC888S HD
音频接口	1 x Line-out, 1 x Mic-in	N/A
以太网	1 x Intel® I210AT 1 x Intel® I219LM	1 x Intel® i226LM 1 x Intel® i219LM
电源连接器	Lockable DC Jack, +12V ~ +24V	Lockable DC Jack, +12V ~ +24V
电源模式	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)
结构 (前/后)	Plastic-black	Plastic-black
尺寸	592 x 382 x 49.5 mm	592 x 382 x 49.5 mm
重量	7.2 kg	6.2 kg
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	-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
操作系统	Windows 10 IoT, Linux	Windows 10 IoT, Linux

开放式平板电脑



产品型号	OFP-07W33	OFP-15W33	OFP-21W33
LCD尺寸	7", 16:10	15.6", 16:9	21.5", 16:9
分辨率	1280 x 800	1920 x 1080	1920 x 1080
亮度	300 cd/m²	220 cd/m²	250 cd/m²
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 Intel® Celeron® N3350/J3455 SoC BGA Processor	Onboard Intel® Celeron® N3350/J3455 SoC BGA Processor
系统内存	4GB DDR3L Memory (Option up to 8GB by One SO-DIMM Socket)	4GB DDR3L Memory (Option up to 16GBby Two SO-DIMM Socket)	4GB DDR3L Memory (Option up to 16GBby 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 Mini PCIe : 802.11 a/b/g/n/ac Wireless LAN and Bluetooth 4.0+	Option by Mini PCIe : 802.11 a/b/g/n/ac Wireless LAN and Bluetooth 4.0+
存储	64GB mSATA by mPCIe Slot	64GB mSATA by mPCIe Slot (Option for SATA interface 2.5" HDD/ 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® 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	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 WiFi/ BT	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 WiFi Module	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 WiFi Module
电源信息	+12V ~ 26V DC in	+12V ~ 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	0% ~ 90% 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, Linux, x86 Android 8.1	Windows 10 IoT, Linux, x86 Android 8.1
尺寸	183.1 x 115.8 x 48.6 mm	387 x 235 x 46 mm	501.9 x 296.2 x 52.4 mm
重量	700 g	2.5 kg	4.1 kg
认证	CE, FCC Class A	CE, FCC Class A	CE, FCC Class A

开放式平板电脑



OFP-15W38	OFP-21W38	OFP-15W42	OFP-21W42
15.6",16:9	21.5". 16:9	15.6",16:9	21.5". 16:9
1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
220 cd/m²	250 cd/m²	220 cd/m²	250 cd/m²
85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
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
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	Socketed FCLGA1700 Intel® 12th/13th Gen Core™ i7/i5/i3 Processor	Socketed FCLGA1700 Intel® 12th/13th Gen Core™ i7/i5/i3 Processor
4GB DDR4 Memory (Option up to 64GB)	4GB DDR4 Memory (Option up to 64GB)	1 x 262-pin DDR5 4800MHz SO-DIMM up to 32GB	1 x 262-pin DDR5 4800MHz SO-DIMM up to 32GB
Option by M.2 WIFI/ BT Module	Option by M.2 WIFI/ BT Module	Option by M.2 WIFI/ BT Module	Option by M.2 WIFI/ BT Module
Default with 64GB M.2 (Option for SATA Inter-face 2.5" HDD/ SSD)	Default with 64GB M.2 (Option for SATA Inter-face 2.5" HDD/ SSD)	Default with 64GB M.2 (Option for SATA Inter-face 2.5" HDD/ SSD)	Default with 64GB M.2 (Option for SATA Inter-face 2.5" HDD/ SSD)
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 Phoenix Connector for DC in 1 x Phoenix Connector for Reset	4 x USB 3.2 Gen2 1 x RS-232 (Default)/422/485 2 x Intel® I226LM 2.5 GbE 4 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	4 x USB 3.2 Gen2 1 x RS-232 (Default)/422/485 2 x Intel® I226LM 2.5 GbE 4 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
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 WiFi 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 WiFi 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 WiFi Module/ BT 1 x M.2 (2242) B-Key, Support Storage/ 5G Module 1 x M.2 Key-M 2280 (PCI-ex4) Slot for Storage NVMe SSD	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 WiFi Module/ BT 1 x M.2 (2242) B-Key, Support Storage/ 5G Module 1 x M.2 Key-M 2280 (PCI-ex4) Slot for Storage NVMe SSD
DC in +12~24V	DC in +12~24V	DC in +12~24V	DC in +12 ~ 24V
AT/ ATX (Default is AT Mode)	AT/ ATX (Default is AT Mode)	AT/ ATX (Default is AT Mode)	AT/ ATX (Default is AT Mode)
0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°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)	-20°C ~ 60°C (-4°F ~ 140°F)
40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing
Windows 10 IoT, Windows 11 IoT, Linux	Windows 10 IoT, Windows 11 IoT, Linux	Windows 10 IoT, Windows 11 IoT, Linux	Windows 10 IoT, Windows 11 IoT, Linux
387 x 235 x 48 mm	501.9 x 296.2 x 55 mm	387 x 235 x 48 mm	501.9 x 296.2 x 55 mm
2.9 kg	5.2 kg	2.9 kg	5.2 kg
CE, FCC Class A	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/m²	350 cd/m²	250 cd/m²
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	PCAP	PCAP
处理器	Rockchip RK3568	Rockchip RK3568	Rockchip RK3568
系统内存	2GB DDR4 on board	2GB DDR4 on board	2GB DDR4 on board
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	32GB eMMC on board	32GB eMMC on board	32GB eMMC on board
外部 I/O 连接器	1 x 10/100/1000 RJ45 Powered LAN 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 Powered LAN 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 Powered LAN 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 I²C Sensor Interface 1 x M.2 3042 B-Key 2 x RS-232 1 x RS-485 1 x RTC Battery 1 x Speaker 1 x Touch Button 1 x USB CAM_DMIC Interface 1 x USB Touch Interface	1 x A-MIC 1 x DC Input 1 x 16-bit GPIO 1 x I²C Sensor Interface 1 x M.2 3042 B-Key 2 x RS-232 1 x RS-485 1 x RTC Battery 1 x Speaker 1 x Touch Button 1 x USB CAM_DMIC Interface 1 x USB Touch Interface	1 x A-MIC 1 x DC Input 1 x 16-bit GPIO 1 x I²C Sensor Interface 1 x M.2 3042 B-Key 2 x RS-232 1 x RS-485 1 x RTC Battery 1 x Speaker 1 x Touch Button 1 x USB CAM_DMIC Interface 1 x USB Touch Interface
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	Android 11, Debian 11	Android 11, Debian 11	Android 11, 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

开放式平板电脑



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/m²	220 cd/m²	250 cd/m²
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	PCAP	PCAP
处理器	Intel® Celeron® J3455 2M Cache 1.50 GHz	Intel® Celeron® J3455 2M Cache 1.50 GHz	Intel® Celeron® J3455 2M Cache 1.50 GHz
系统内存	1 x 4GB 204 pin SO-DIMM DDR3L	1 x 4GB 204 pin SO-DIMM DDR3L	1 x 4GB 204 pin SO-DIMM DDR3L
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	32GB eMMC/ M.2 3042 SSD	32GB eMMC/ M.2 3042 SSD	32GB eMMC/ M.2 3042 SSD
外部 I/O 连接器	1 x 10/100/1000 RJ45 Powered LAN 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 Powered LAN 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 Powered LAN 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 DIO 1 x M.2 3042 B-Key 1 x Micro USB 1 x MIPI DSI 1 x RS-232/422/485 Debug 1 x SD Card Slot 1 x Speaker 1 x Touch Button	1 x A-MIC 1 x DC Input 1 x DIO 1 x M.2 3042 B-Key 1 x Micro USB 1 x MIPI DSI 1 x RS-232/422/485 Debug 1 x SD Card Slot 1 x Speaker 1 x Touch Button	1 x A-MIC 1 x DC Input 1 x DIO 1 x M.2 3042 B-Key 1 x Micro USB 1 x MIPI DSI 1 x RS-232/422/485 Debug 1 x SD Card Slot 1 x Speaker 1 x Touch Button
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/m²	350 cd/m²	500 cd/m²
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 Quad-core Cortex-A55 1.4/ 1.8GHz	Rockchip RK3568J Quad-core Cortex-A55 1.4/ 1.8GHz	Rockchip RK3568J Quad-core Cortex-A55 1.4/ 1.8GHz
系统内存	4GB LPDDR4 on board	4GB LPDDR4 on board	4GB LPDDR4 on board
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	64GB eMMC on board	64GB eMMC on board	64GB eMMC on board
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	1 x Backlight 2 x CAN 1 x DC Input 1 x 16-bit GPIO 1 x I²C 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	1 x Backlight 2 x CAN 1 x DC Input 1 x 16-bit GPIO 1 x I²C 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	1 x Backlight 2 x CAN 1 x DC Input 1 x 16-bit GPIO 1 x I²C 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, Debain 11	Android 13, Debain 11	Android 13, Debain 11
尺寸	170 x 110 x 6 mm	143 x 228.6 x 2.5 mm	326.5 x 253.5 x 9.1 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

开放式平板电脑

» 通用型



OFT-07WAD	OFT-10WAD
7"	10.1"
800 x 1280	800 x 1280
350 cd/m²	350 cd/m²
1750 (H) , 1750 (V)	1750 (H) , 1750 (V)
PCAP Multi-touch up to 10 Points	PCAP Multi-touch up to 10 Points
Intel® IOTG Alder Lake-N Processor 6W N50	Intel® IOTG Alder Lake-N Processor 6W N50
8GB LPDDR5 on board 16GB (Optional)	8GB LPDDR5 on board 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)
2 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	2 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 2 x GPIO 1 x I²C 1 x M.2 2230 E-Key 1 x Micro SD slot 1 x MIPI DSI 1 x RS-232 1 x RS-485 1 x RTC Battery 1 x Speaker 2 x Touch Button 1 x USB 2.0 2 x USB 2.0 + DMIC	1 x A-MIC 2 x GPIO 1 x I²C 1 x M.2 2230 E-Key 1 x Micro SD Slot 1 x MIPI DSI 1 x RS-232 1 x RS-485 1 x RTC Battery 1 x Speaker 2 x Touch Button 1 x USB 2.0 2 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) Linux Ubuntu 24.04	Windows 10 IoT, Windows 11 IoT (w/ TPM) Linux 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

» Open Frame Tablet for Fitness



OFR-15WMX	OFR-21WMX
15.6"	21.5"
1920 x 1080	1920 x 1080
350 cd/m²	500 cd/m²
85 (U), 85 (D), 85 (L), 85 (R)	85 (U), 85 (D), 85 (L), 85 (R)
PCAP Multi-touch up to 10 Points	PCAP Multi-touch up to 10 Points
Onboard MT8365 CPU, Quad-core ARM 2.0GHz Cortex-A53 MP Core, ARM Mali G52 GPU	Onboard MT8365 CPU, Quad-core ARM 2.0GHz Cortex-A53 MP Core, ARM Mali G52 GPU
4GB DDR3L RAM on board	4GB DDR3L RAM on board
Option by M.2 Wi-Fi/BT Module	Option by M.2 Wi-Fi/BT Module
32G eMMC on board	32G eMMC on board
1 x Audio Amplifier 1 x DC Jack/ 12V/ 60W 1 x LAN (10M/100M) RJ45 1 x HDMI (AUX-088 HDMI 2.0 Connector 3 in/ 1 out) 1 x Line-out	1 x Audio Amplifier 1 x DC Jack/ 12V/ 60W 1 x LAN (10M/100M) RJ45 1 x HDMI (AUX-088 HDMI 2.0 Connector 3 in/ 1 out) 1 x Line-out
1 x RS232 1 x RS232/RS485 4 x USB 2.0 1 x Support 5W/ 8ohm Stereo Speaker Support AUX-088 board for Peripheral Connection for Open Frame Fitness (ACP-I350 & AUX-088 Connected to JMCU1 (UART Signal) 1 x Support TV Tuner/ 1 x HR Board/ 1 x NFC/ 1 x Sensor Modules/ 1 x Fan 1 x Support Motor & Resistance Controller 1 x M.2 Wi-Fi/ Bluetooth Module (By Optional)	1 x RS232 1 x RS232/RS485 4 x USB 2.0 1 x Support 5W/ 8ohm Stereo Speaker Support AUX-088 board for Peripheral Connection for Open Frame Fitness (ACP-I350 & AUX-088 Connected to JMCU1 (UART Signal) 1 x Support TV Tuner/ 1 x HR Board/ 1 x NFC/ 1 x Sensor Modules/ 1 x Fan 1 x Support Motor & Resistance Controller 1 x M.2 Wi-Fi/ Bluetooth Module (By Optional)
DC 12V	DC 12V
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
Android 10 (Develop) Yocto Supports	Android 10 (Develop) Yocto Supports
408.2 x 241.5 x 18 mm	515 x 322.2 x 26 mm
2.3 kg	5.1 kg
CE, FCC Class A	CE, FCC Class A

工业显示屏

» 开放式显示屏



产品型号	OFM-15W00	OFM-21W00
LCD尺寸	15.6", 16:9	21.5", 16:9
显示类型	Full HD	Full HD
分辨率	1920 x 1080	1920 x 1080
像素间距	0.17925 (H) x 0.17925 (V)	0.24795 (H) x 0.24795 (V)
亮度	220 cd/m²	250 cd/m²
对比度	800	2000
视角	85 (U), 85 (D), 85 (L), 85 (R)	89 (U), 89 (D), 89 (L), 89 (R)
响应时间	30 ms	35 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	89 %	89 %
触摸控制器	USB Type (EETI)	USB Type (EETI)
输入连接器	HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys	HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys
电源连接器	DC Jack (Option for Phoenix Connector)	DC Jack (Option for Phoenix Connector)
电源模式	+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
结构 (前/后)	Metal	Metal
选项功能	Support WiFi6 Media Server Function Bi-direction Image Transfer and USB Signal Available Panel Mount Kits, Wall Mount Kits by Option	Support WiFi6 Media Server Function Bi-direction Image Transfer and USB Signal Available Panel Mount Kits, Wall Mount Kits by Option
尺寸	387 x 235 x 46 mm	501.9 x 294.2 x 53.4 mm
重量	2.5 kg	4.1 kg
工作温度	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)

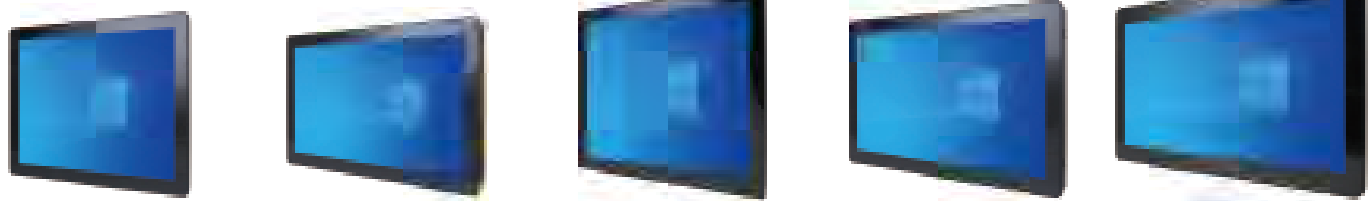
» 加固型工业显示屏



ARC-10W00	ARC-1200
10.1"	12.1"
WXGA	XGA
1280 x 800	1024 x 768
0.1695 x 0.1695 mm	0.240 x 0.240 mm
350 cd/m²	600 cd/m²
800	1000
85 (U), 85 (D), 85 (L), 85 (R)	88 (U), 88 (D), 88 (L), 88 (R)
25 ms	11 ms
LED	LED
PCAP Multi-touch up to 10 Points	PCAP Multi-touch up to 10 Points
88%	88%
USB Type	USB Type
HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys, Line in	HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys, Line in
DC Jack (Option for Phoenix Connector)	DC Jack (Option for Phoenix Connector)
+12V DC in (Option for 9V ~ 36V DC in)	+12V DC in (Option for 9V ~ 36V DC in)
Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)
Full Flat Die Casting with Cover Lens/ Metal Default with Panel Mount Kits	Full Flat Die Casting with Cover Lens/ Metal Default with Panel Mount Kits
Support WiFi6 Media Server Function Bi-direction Image Transfer and USB Signal	Support WiFi6 Media Server Function Bi-direction Image Transfer and USB Signal
282.36 x 201 x 61.4 mm	293.77 x 226.31 x 61.5 mm
2 kg	2.5 kg
-10°C ~ 50°C (14°F ~ 122°F)	-10°C ~ 50°C (14°F ~ 122°F) Option -20°C ~ 70°C
-20°C ~ 60°C (-4°F~140°F)	-20°C ~ 60°C (-4°F~140°F) Option -30°C ~ 70°C

工业显示屏

» 加固型工业显示器



ARC-1500	ARC-15W00	ARC-1700	ARC-18W00	ARC-21W00
15"	15.6"	17"	18.5"	21.5"
XGA	WXGA	SXGA	WXGA	FHD
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
0.297 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
300 cd/m²	300 cd/m²	350 cd/m²	500 cd/m²	250 cd/m²
2000	500	800	1000	3000
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)
16 ms	8 ms	30 ms	25 ms	25 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
88%	88%	88%	88%	88%
USB Type	USB Type	USB Type	USB Type	USB Type
HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys, Line in	HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys, Line in	HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys, Line in	HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys, Line in	HDMI, Display Port, VGA, USB Type B for Touch Function, OSD Keys, Line in
DC Jack (Option for Phoenix Connector)	DC Jack (Option for Phoenix Connector)	DC Jack (Option for Phoenix Connector)	DC Jack (Option for Phoenix Connector)	DC Jack (Option for Phoenix Connector)
+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)	+12V DC in (Option for 9V ~ 36V DC in)	+12V DC in (Option for 9V ~ 36V DC in)
Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz/ Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz/ Output: 60W Adapter (12V @ 5A Adapter)	Input: 100 ~ 240Vac/ 50 ~ 60Hz/ Output: 60W Adapter (12V @ 5A Adapter)
Full Flat Die Casting with Cover Lens/ Metal Default with Panel mount kits	Full Flat Die Casting with Cover Lens/ Metal Default with Panel Mount Kits	Full Flat Die Casting with Cover Lens/ Metal Default with Panel Mount Kits	Full Flat Die Casting with Cover Lens/ Metal Default with Panel Mount Kits	Full Flat Die Casting with Cover Lens/ Metal Default with Panel Mount Kits
Support WiFi6 Media Server Function Bi-direction Image Transfer and USB Signal	Support WiFi6 Media Server Function Bi-direction Image Transfer and USB Signal	Support WiFi6 Media Server Function Bi-direction Image Transfer and USB Signal	Support WiFi6 Media Server Function Bi-direction Image Transfer and USB Signal	Support WiFi6 Media Server Function Bi-direction Image Transfer and USB Signal
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
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 -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)	-20°C ~ 60°C (-4°F~140°F)

触摸屏套件



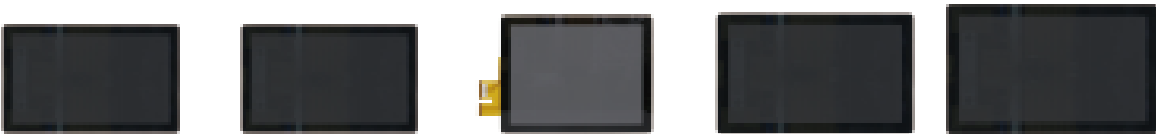
产品型号	PCC-LPC-AB08-R	PCC-FPC-AB08-R	PCC-FPC-AB10-R	PCC-ARC-AB12-R
LCD尺寸	8", 4:3	8", 16:9	10.1", 16:9	12.1", 4:3
显示器	SVGA	WVGA	WSVGA	XGA
LED 驱动板	Panel Built-in	External Board	Panel Built-in	Panel Built-in
分辨率	800 x 600	1024 x 600	1024 x 600	1024 x 768
像素间距	0.0675 mm (H) x 0.2025 mm (V)	0.1725 mm (W) x 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
显示器	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
显示器	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
显示器	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)x0.24795 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

智慧医疗



移动平板电脑

医疗平板电脑专为实现护理站数据采集与管理的移动性和灵活性而设计。数字化有助于提升医疗领域的效率和移动性，提供安全、环保且时尚的使用体验。



医疗平板电脑

使用我们的英特尔处理器医用平板电脑，体验医疗计算的巅峰之作。产品专为医疗保健领域设计，具备先进的功能，包括符合IP65防护等级的前面板医疗显示屏，可确保产品卓越的性能和可靠性。



医疗信息屏

凭借亮度稳定、卓越的图像质量、高分辨率以及先进的远程控制技术，医疗监视显示器确保了精准且可靠的医学成像。



医疗工控机

安勤的 GPU 扩展系统适用于智能医疗、制造和交通等领域的高速计算应用。



视频管理器

专为与各种医疗设备集成而设计，能够在手术或诊断过程中进行实时视频录制。它提供高质量的视频显示，并符合医疗标准。



移动电池盒

移动平板电脑



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/m²
触摸屏	10 Points Projective Capacitive
无线局域网	802.11 a/b/g/n/ac
蓝牙	Bluetooth 5.0
照相机	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	IP65
认证	CE, FCC, VCCI, CCC, BSMI, EN60601-1, EN60601-1-2



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 130cm drop



CAXA0-HS CAXA0 Hand Strap

- Hand Strap for CAXA0

医疗平板电脑



产品型号	HID-2340	HID-2334	HID-2138
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/m²	250 cd/m²	250 cd/m²
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 ADLPS Motherboard	HID-2334 M/B + Charger Board	HID TGLP Motherboard
处理器	Socketed FCLGA1700 Intel® 12th/13th Gen Core™ i7/i5/i3 Processor	7th Generation Intel® Kaby Lake Core™ i7/i5/i3/ Celeron® Processor	11th Gen Intel® Core™ i7/i5/i3/Celeron Processor
I/O 芯片	EC ITE IT5782VG	EC ITE IT8518E	EC ITE IT8528E
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 260-pin DDR4 3200 MHz SO-DIMM socket up to 64GB Max
扩展	Optional M.2 Key B 3042/3052/2280 x 1 Optional M.2 Key E for WIFI 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 PCIeEx1, mSATA	Optional PCIe Low Profile Card x 1 Optional M.2 Storage x 1 Optional M.2 5G Module x 1
存储	1 x M.2 Key M Storage (Optional) 1 x 2.5" SSD (Optional)	1 x 2.5" SATA3 SSD (Optional)	1 x M.2 Key-B 2242/3042/2260 for Storage
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 2.0 2 x USB Type C
串口	1 x RS-232/422/485 1 x RS-232 (Isolated 5KV)	N/A	Optional
其他	Optional 5.0M AF Camera Optional Barcode Scanner Optional NFC Optional Capture Card, Optional WIFI/ BT Optional IET Board	Optional Hot Swappable Batteries and 4 Slot Charging Bay Optional 5.0M Auto Focus Camera with Cover Optional WIFI/ BT	Optional 5.0M AF Camera Optional Barcode Scanner Optional NFC Optional WIFI/ BT Optional Handset
显示芯片组	Intel® 12th Generation CPU Integrated	Intel® HD Graphics 620	Intel® 11th Generation 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® I219LM Gigabit Ethernet PHY 1 x Intel® I226LM Gigabit Ethernet PHY
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 Output: 90W Adapter (19V/ 4.73A 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	539.6 x 342.6 x 45.4 mm
重量	6.0 kg	6.9 kg (without Batteries)	4.8 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)	-10°C ~ 60°C (14°F ~ 140°F)
认证	CE, FCC Class B, UL60601-1	CE, FCC Class B, UL60601-1 4th Edition	CE, FCC Class B, UL60601-1
操作系统	Windows 10 IoT, Linux	Win 10, Linux	Win 10, Linux

医疗平板电脑



HID-2132	HID-1540	HID-1337
21.5"	15.6"	13.3"
Full HD	Full HD	Full HD
1920 x 1080	1920 x 1080	1920 x 1080
0.248 x 0.248	0.179 x 0.179	0.153 x 0.153
250 cd/m²	500 cd/m²	300 cd/m²
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)
22 ms	25 ms	27 ms
LED	LED	LED
Projective Capacitive	Projective Capacitive	Projective Capacitive
89%	89%	85%
USB Interface, EETI	USB Interface, EETI	USB Interface, EETI
ARC-SKLU	HID ADLPS Motherboard	HID-1337 Motherbaord
6th 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 IT5782VG	EC ITE IT5782VG
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
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 WIFI x 1	Optional M.2 (Key-B, 2242/3042/3052, SATA only) x 1 Optional M.2 (Key-E, 2230, PCIeEx1, USB2.0) x 1
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)
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)
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 WIFI/ BT Optional NFC Optional Handset	Default with Programable LED Light Bar Optional 5.0M AF Camera Optional NFC Optional WIFI/ BT	Default with Programable LED Light Bar Optional RFID Optional WIFI/ BT
Intel® HD Graphics 520	Intel® 12th Generation CPU Integrated	Intel® 12th Generation CPU Integrated
Realtek ALC888S	Realtek ALC888S	Realtek ALC888S
2 x 2W	Line-out, Mic-in, 2 x 5W Speaker	2 x 5W Speaker
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/ 4.74A 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
539.6 x 342.6 x 45.2 mm	400 x 263 x 42.5 mm	198 x 325 x 38 mm
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)
-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 4th Edition	CE, FCC Class B, UL60601-1	CE, FCC Class B, UL60601-1
Win 7/ 10/ Linux	Win10 64bit, Linux	Win 10/11 Linux

医疗平板电脑



产品型号	HID-2100	RCC-MM-GMD23G-01R	RCC-MM-GMD24G-01R
LCD尺寸	21.5"	23.8"	24"
显示类型	Full HD	Full HD	Full HD
分辨率	1920 x 1080	1920 x 1080	1920 x 1200
像素间距	0.248 x 0.248	0.2745 x 0.2745	0.270 x 0.270
亮度	250 cd/m²	AG Glass 230 nits AG PCAP 220 nits (Optional)	AR Glass 820 nits AG PCAP 800 nits (Optional)
对比度	1000	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	22 ms	16 ms	14 ms
背光	LED	LED	LED
触摸屏信息	Projective Capacitive	Projective Capacitive	Projective Capacitive
透光率	89%	89%	89%
USB	2 x USB 2.0 1 x USB Type B	N/A	N/A
校准模式/ DICOM	N/A	Optional	Optional
选项功能	N/A	AG PCAP Touch 0.5W Speaker x2 DICOM Calibration Mode	AG PCAP Touch 0.5W Speaker x2 DICOM Calibration Mode
连接器	HDMI Input DP Input VGA Input DC Output	VGA Input DVI Input HDMI Input Display Port Input	VGA Input DVI Input HDMI Input Display Port Input
音频接口	Line-out, Mic-in, 2 x 2W Speaker	0.5W Speaker x2 (Optional)	0.5W Speaker x2 (Optional)
适配器	AC/ DC Power Adapter Output: 120W Adapter (24V/ 5A Adapter)	Adapter ATM065T-P240 Class 1 Adapter (65W, 24V)	AC/DC Adapter Input: 100~250Vac, 1A, 60/50Hz Output: 24V, 3.75A
结构 (前/后)	Plastic, Plastic	Plastic, Plastic	Plastic, Plastic
防护等级	IP65 at Front	IP65 at Front	IP65 at Front
尺寸	539.6 x 342.6 x 45.5 mm	587.0 x 367.5 x 59.5 mm	573.8 x 387.8 x 63.5 mm
重量	5.3 kg	6.8 kg	7 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	CE, FCC Class B	CE (IEC/EN/BS EN60601-1, IEC/EN/BS EN60601-2) FCC Class B, VCCI, CCC cTUVus Certified (ANSI/AAMI ES60601-1, CSA C22.2 NO.60601-1) DIN6868-157 Compliant	CE (IEC/EN/BS EN60601-1, IEC/EN/BS EN60601-2) FCC Class B, VCCI cTUVus Certified (ANSI/AAMI ES60601-1, CSA C22.2 NO.60601-1) DIN6868-157 Compliant

医疗平板电脑



RCC-MM-GMD27G-01R	RCC-MM-GMD27G-02R	RCC-MM-GMD32G-02R	RCC-MM-GMD55G-01R
27"	27"	32"	55"
Full HD	4K	4K	4K
1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160
0.3114 x 0.3114	0.15525 x 0.15525	0.1845 x 0.1845	0.315 x 0.315
AR Glass 930 nits AG PCAP 850 nits (Optional)	AR Glass 740 nits AG PCAP 710 nits (Optional)	AR Glass 780 nits AG PCAP 750 nits (Optional)	AG Glass 460 nits AG PCAP 440 nits (Optional)
1000	1000	1500	4000
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)
14 ms	16 ms	20 ms	8.5 ms
LED	LED	LED	LED
Projective Capacitive	Projective Capacitive	Projective Capacitive	Projective Capacitive
89%	89%	89%	89%
N/A	N/A	N/A	1 x USB HUB
Optional	Default	Default	Optional
AG PCAP Touch 2W Speaker x2 DICOM Calibration Mode Backlight Stabilizer (ALS)	AG PCAP Touch 2W Speaker x2 SDI in/out or DVI in GPIO Remote Control	AG PCAP Touch 2W Speaker x2 GPIO Remote Control SDI in/out or DVI in	AG PCAP Touch Speaker ODM Evaluation Calibration Mode GPIO Remote Control Backlight Stabilizer (ALS)
VGA Input DVI Input HDMI Input Display Port Input	VGA Input DVI Input HDMI Input Display Port Input	VGA Input DVI Input HDMI Input Display Port Input	VGA Input DVI Input Display Port Input
2W Speaker x2 (Optional)	2W Speaker x2 (Optional)	2W Speaker x2 (Optional)	ODM Evaluation
AC/DC Adapter Input: 100~250Vac, 1A, 60/50Hz Output: 24V, 3.75A	Delta MDS-150AAS24 F class1 PSU (150W,24V)	AC/DC Adapter Input: 100~250 Vac, 60/50Hz Output: 24V, 6.25A	Delta MDS-400AUS24B PSU (400W,24V,NO FAN)
GM Metal, Plastic	GM Metal, GM Metal	GM Metal, GM Metal	GM Metal, GM Metal
IP65 at Front	IP65 at Front	IP65 at Front	IP65 at Front
660.2 x 408.8 x 65.8 mm	660.2 x 408.76 x 52.9 mm	761.2 x 465.6 x 61.5 mm	1314 x 785 x 85 mm
8 kg	7.5 kg	11 kg	39 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)
-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)
CE (IEC/EN/BS EN60601-1, IEC/EN/BS EN60601-2) FCC Class B, VCCI cTUVus certified (ANSI/AAMI ES60601-1, CSA C22.2 NO.60601-1) DIN6868-157 Compliant	CE, FCC Class B, VCCI UL/cUL (ANSI/AAMI ES60601-1, CAN/CSA C22.2 NO.60601-1) DIN6868-157 Compliant	CE, FCC Class B UL/cUL (ANSI/AAMI ES60601-1, CAN/CSA C22.2 NO.60601-1) DIN6868-157 Compliant	CE, FCC Class B, VCCI cTUVus certified (ANSI/AAMI ES60601-1, CSA C22.2 NO.60601-1) DIN6868-157 Compliant

医疗工控机



产品型号	MAB-T660	MAB-T600	MAB-T600-B1
处理器	12/13th Generation Intel® Core™ i9/i7/i5/i3 LGA1700 Processor	12/13th Generation Intel® Core™ i9/i7/i5/i3 LGA1700 Processor	12/13th Generation Intel® Core™ i9/i7/i5/i3 LGA1700 Processor
主板	EMX-R680P	RX610H	RX680R
系统内存	2 x SODIMM Up to 64GB Dual Channel DDR5 4800MHz Non-ECC DRAM Support	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	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 2242/2280/22110 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	1 x 2.5" SATAIII HDD/SSD Drive	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) 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 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 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
工作温度	0 ~ 35°C (32°F ~ 95°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	0 ~ 40°C (32°F ~ 104°F) w/ SSD, Ambient w/ 0.5m/s Air Flow
电源信息	400W ATX Power Supply (Medical Grade)	500W ATX Power Supply (Medical Grade)	500W ATX Power Supply (Medical Grade)
颜色	White	White	White
尺寸(长 x 宽 x 高)	315 x 273 x 92 mm	330 x 344 x 160 mm	330 x 344 x 160 mm
重量	4.8 kg	7 kg	7 kg
认证	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 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



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
冷却系统	Intel x86 & NXP
工作平台	Fanless
软件	Built-in Time Cabinet Software
屏幕布局	Multi-view layout
按钮	System Power on/off
LED指示灯	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

移动电池盒



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端口	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



电子纸解决方案

● 通讯板/公告板

- 内置触摸屏
- 低功耗高性能
- 高性能 i.MX 7 双核处理器
- 无需供电即可维持显示图像

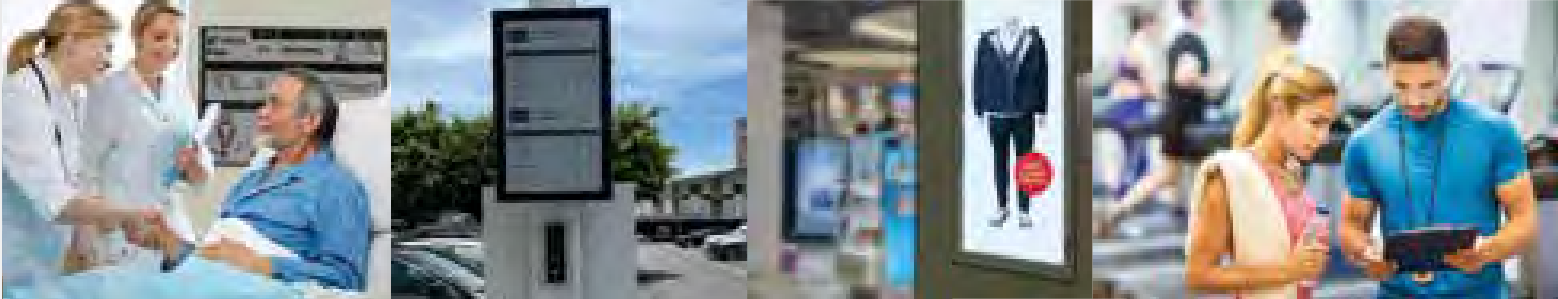
● 数字标牌

- 真平面前面板
- 室外/室内应用
- 前面板防护等级
- 可选开放式框架

- 可选 PCAP 触摸功能
- 可选前置照明模块
- 支持 LAN/Wi-Fi/LTE
- 支持 Windows/Android

● 电子纸

- 极致轻薄
- 高对比度的显示屏
- 单次充电续航长达三周
- 便捷的书写、高亮、擦除工具
- 熟悉的 A4 尺寸



电子纸解决方案

配备了用于文档数字化的触控笔，具有长续航能力和便携性。它提供类似纸张的屏幕和流畅的书写体验。



公共显示解决方案

电子纸公共显示解决方案专为医院设计，确保了使用的低功耗、通过远程更新以环保高效的方式简化沟通流程。



户外显示解决方案

通过实时的、节能的动态信息传递，增强沟通效率。提升内容传递效率，精准推送特定信息，并促进用户的参与意识。

电子纸



Model Number	ENT-13T1	ENT-10T1
LCD尺寸	13.3"	10.3"
分辨率	H: 1650 x V: 2200	H: 1404 x V: 1872
视角	180 (U), 180 (D), 180 (L), 180 (R)	180 (U), 180 (D), 180 (L), 180 (R)
触摸屏信息	Projective Capacitive	Projective Capacitive
处理器	88iAP140A0-BTY2C012TT404 (Cortex-A53 1.2GHz x 4 Core)	Rockchip RK3566 Quad-core Cortex-A55 @ 1.8GHz
系统内存	2GB DDR3L	2GB LPDDR4
无线	Wi-Fi/ Bluetooth Module	2.4G/ 5G Wi-Fi Bluetooth4.2
存储	16GB eMMC NAND Flash Memory Approx. 10.86GB Free Storage	64GB EMMC
外部 I/O 连接器	1 x USB	1x USB-C Port
电源信息	Lithium-Ion Polymer Battery (2000mAh)	3000mAh Li-ion Battery
电源模式	ATX	ATX
工作温度	5°C ~ 35°C (41°F ~ 95°F)	0°C ~ 40°C (32°F ~ 104°F)
存储温度	0°C ~ 40°C (32°F ~ 104°F)	-20°C ~ 50°C
工作湿度	40°C @ 95% Relative Humidity, Non-condensing	40°C @ 95% Relative Humidity, Non-condensing
软件支持	Android 5.1	Android 11
尺寸	302.6 x 224 x 5.7 mm	230.6 x 183 x 5.3mm,
重量	0.352 kg	390g
认证	FCC, VCCI	CE, FCC Class B, VCCI, TELEC

公共显示解决方案



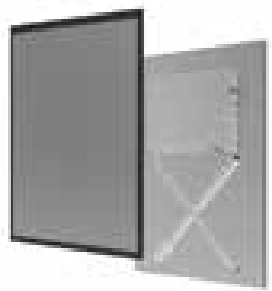
产品型号	EPD-42T	EPD-4200	EPD-3133
LCD尺寸	42"	42"	31.2"
分辨率	H: 2160 x V: 2880	H: 2160 x V: 2880	H: 2560 x V: 1440
视角	180 (U), 180 (D), 180 (L), 180 (R)	180 (U), 180 (D), 180 (L), 180 (R)	180 (U), 180 (D), 180 (L), 180 (R)
触摸屏信息	Projective Capacitive	Cover Lens Only	Projective Capacitive
处理器	NXP i.MX 7 Dual Processor/ Dual Arm® Cortex®-A7 Cores and Cortex-M4	N/A	Onboard Intel® Celeron® SoC BGA Processor N3350 (Apollo Lake Platform)
系统内存	On-Board 2GB DDR3L	N/A	1 x 204-Pin DDR3L 1866MTs SO-DIMM Up to 8GB
无线	M.2 Wi-Fi/ Bluetooth Module (Optional)	N/A	mPCIe Wi-Fi/ Bluetooth Module (Optional)
存储	On-Board 8GB eMMC	N/A	2.5" SATA3 SSD 64GB
外部 I/O 连接器	2 x USB 2.0 (Edge I/O) 1 x Micro USB for USB OTG 1 x RJ-45 Connector for Gigabit Ethernet	1 x USB 1.1	4 x USB 3.1 (Gen1 5Gbps) 1 x DB-9 Male Connector for COM1 2 x RJ45 LAN Port 2 x HDMI (1.4b): Max. Resolution 3840 x 2160 @ 30Hz
电源信息	DC +12V	DC +12V	DC +19V
电源模式	AT	N/A	AT/ ATX
工作温度	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 50°C (32°F ~ 122°F)
存储温度	-20 ~ 60°C (-4 ~ 140°F)	-20 ~ 60°C (-4 ~ 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
软件支持	Android 5.1 (Default) Linux 4.15 (Yocto 2.1)	N/A	Android 8.1 (Default) Windows 10 IoT
尺寸	918.8 x 704.6 x 37.6 mm	934.2 x 704.6 x 39 mm	750 x 445 x 36.7 mm
重量	7.5 kg	11.4 kg	7.2 kg
认证	CE, FCC Class B	FCC Class B & CE (EN 55032 & 55035) ESD Level 3	CE, FCC Class A

公共显示解决方案



EPD-3150	EPD-2501
31.5"	25.3"
H: 2560 x V: 1440	H:3200 x V:1800
180 (U), 180 (D), 180 (L), 180 (R)	180 (U), 180 (D), 180 (L), 180 (R)
Cover Lens Only	Cover Lens Only
All winner B810	Onboard Intel® Celeron® SoC BGA Processor N3350 (Apollo Lake Platform)
On-Board LPDDR4 4GB	1 x 204-Pin DDR3L 1866MTs SO-DIMM up to 8GB
Wi-Fi	mPCIe Wi-Fi/ Bluetooth Module (Optional)
32GM eMMC micro SD card	2.5" SATA3 SSD 64GB
USB-C port SD card	2 x HDMI 1 x COM 2 x LAN 4 x USB 3.1 (Gen1)
DC +12V	DC +12V
ATX	AT/ ATX
0°C ~ 50°C (32°F ~ 122°F)	0°C ~ 40°C (32°F ~ 104°F)
-20°C ~ 60°C (-4°F ~ 140°F)	-20°C ~ 60°C (-4 ~ 140°F)
40°C @ 95% Relative Humidity, Non-condensing	40°C @ 90% Relative Humidity, Non-condensing
Android 12	Android 8.1 (Default) Windows 10 IoT
707.9 *413.2 *23.5 mm	607 x 350 x 38.8 mm
5 kg	4.4 kg
CE, FCC Class A	CE, FCC Class B

户外显示解决方案



产品型号	EPD-4200-B1
LCD尺寸	42"
分辨率	H: 2160 x V: 2880
视角	180 (U), 180 (D), 180 (L), 180 (R)
触摸屏信息	Cover Lens Only
处理器	N/A
系统内存	N/A
无线	N/A
存储	N/A
外部 I/O 连接器	1 x USB 1.1
电源信息	DC +12V
电源模式	N/A
工作温度	-15°C ~ 65°C
存储温度	-20°C ~ 70°C (-4 ~158°F)
工作湿度	40°C @ 95% Relative Humidity, Non-condensing
软件支持	N/A
尺寸	676 x 910 x 58 mm
重量	12 kg
认证	CE, FCC Class A

Tailored to Your Needs



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