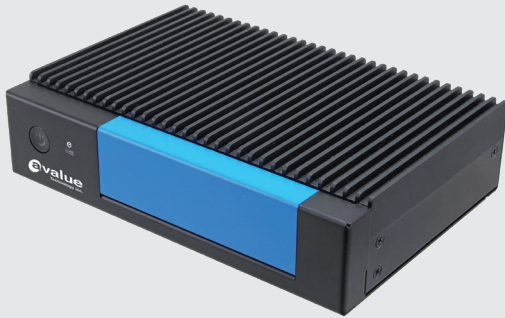




Features

- Intel® Pentium®/Celeron® Processor
- Single DRAM Socket, Max. Up to 8GB DDR3L 1866MHz
- Rich I/O, 1-VGA, 1-COM, 2-HDMI, 2-LAN, 4-USB3.0, 2-Antenna Mounting
- Fanless Operating from -10°C ~ 50°C
- Wide Range DC Power Input from 12V ~ 26V
- Compact Size, 177mm x 123mm x 43.5mm
- Optional VESA / DIN-Rail Kit
- TPM 2.0



3-Display
2-HDMI+VGA



Compact Size
177x123x43.5



Vibration/
Shock
5G/55G



-10~50°C



No Vent

Specifications

System Information

Processor	Intel® Pentium® Processor N4200 (2M Cache, up to 2.5 GHz) Intel® Celeron® Processor N3350 (2M Cache, up to 2.4 GHz) Intel® Celeron® Processor J3455 (2M Cache, up to 2.3 GHz)
System Memory	1 x 204-pin SO-DIMM Socket, Max, Up to 8GB DDR3L 1866MHz
BIOS Information	AMI BIOS, 128Mbit SPI Flash ROM
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU Temperature, Voltage with Auto Throttling Control
TPM	TPM 2.0
SBC	ECM-APL2

Expansion

mPCIe	1 x Full size mini PCIe (SATA/PCIE/USB2.0) 1 x Half size mini PCIe (PCIE/USB2.0)
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Storage

mSATA	1 x mSATA
2.5 Drive Bay	1 x 2.5" Drive Bay (7mm)

Front I/O

Power Button	1 x Power Button
LED Indicator	1 x LED for Storage Access

Rear I/O

USB	4 x USB 3.0
COM Port	1 x RS-232/422/485 (Jumper&BIOS)
LED Indicator	2 x LED for Power On/Off & Storage Access
LAN Port	2 x RJ45
HDMI	2 x HDMI 1.4b
VGA	1 x VGA
Antenna	2 x Antenna Mounting with Dust Cover
AC/DC Input	1 x Lockable DC Jack

Right I/O

Antenna	2 x Antenna Mounting with Dust Protection Cover
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Display

Graphic Chipset	Intel® HD Graphics 500 (N3350/J3455) Intel® HD Graphics 505 (N4200)
Resolution	1 x VGA: Max. Resolution 1920 x 1200@60Hz 2 x HDMI 1.4b: Max. Resolution 3840x2160@30Hz (HDMI 1.4b)

Audio

Audio Codec	Realtek ALC888S
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Ethernet

LAN Chipset	2 x Intel® I210AT
Specification	10/100/1000 Base-Tx Gigabit Ethernet Compatible

Power Requirement

Adapter	Input: 100 ~ 240Vdc/ 50 ~ 60Hz Output: 12V/5A AC-DC 60W Adapter
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 5.0 Compliant
Power Mode	AT/ATX (ATX is default setting)

Software Support

OS	Win 10, Linux
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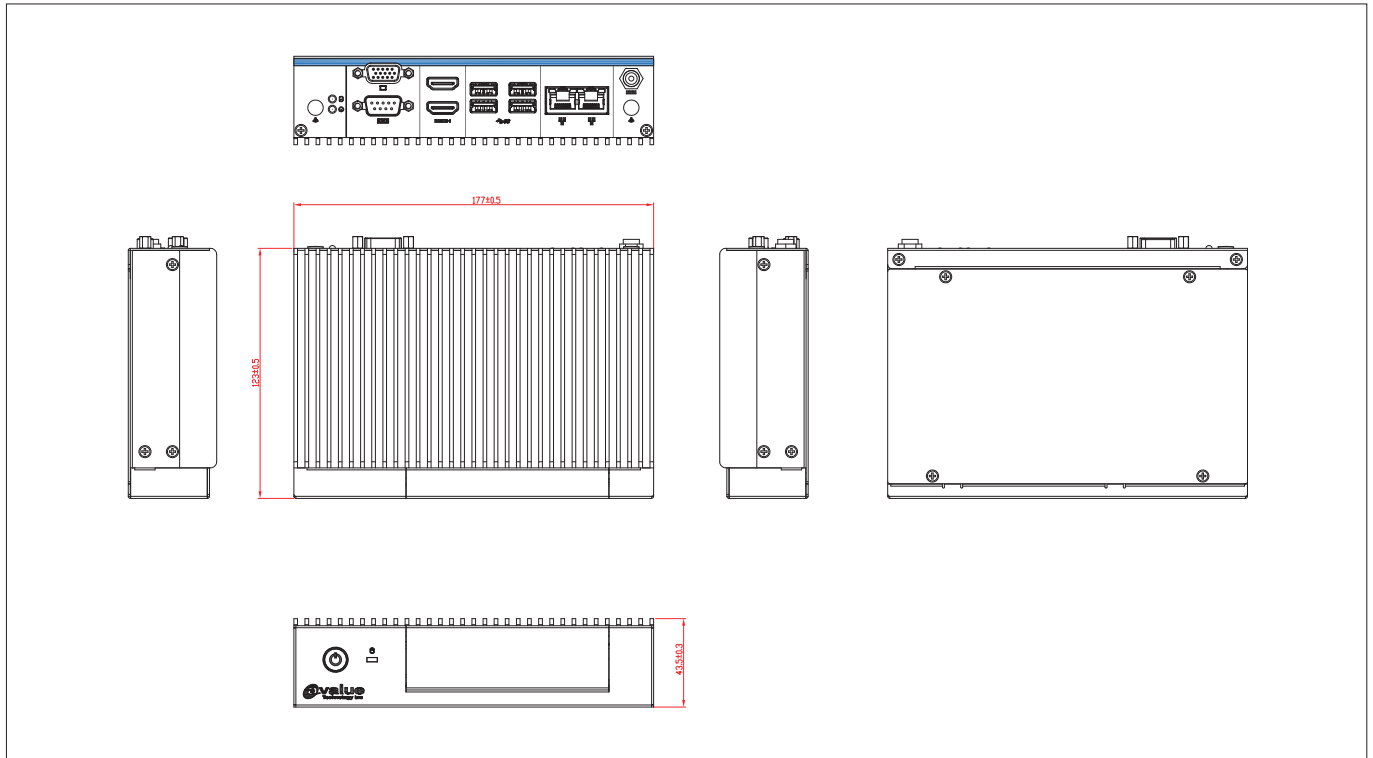
Certification

Certification Information	CE, FCC Class B, UKCA
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Mechanical & Environmental

Operating Temp.	With extended temperature peripherals: -10°C ~ 50°C (14°F ~ 122°F) with 0.2m/s air flow With 2.5" hard drive: 0°C ~ 40°C (32°F ~ 113°F) with 0.2m/s air flow
Storage Temp.	-30 ~ 70°C (-22°F ~ 158°F)
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W x L x H)	177mm x 123mm x 43.5 mm (7" x 4.8" x 1.7")
Weight	2.65lbs (1.2KG)
Vibration Test	With SSD: 5Grms, IEC 60068-2-64, Random, 10 ~ 500Hz, 30min/Axis, 3 Axis
Shock Test	With SSD: 50G, IEC 60068-2-27, Half Sine, 11ms, Z Axis
Drop Test	ISTA 2A, IEC-60068-2-32 Test : Ed, 1 Corner, 3 Edges, 6 Faces
Mounting Kit	Stand (Default) VESA Mount kit (Factory Option) Din Rail kit (Factory Option)

Mechanical Drawing



Ordering Information

P/N	Processor	Memory	Adapter	Mounting Kit	I/O Ports (COM/USB/LAN)	Display Output	Power Input	Working Temp.	OS Support
EPC-APL-42-C2-1R	Intel® Pentium® Processor N4200	4GB DDR3L	12V/5A	Stand/Din-Rail/VESA	1/4/2	HDMI/VGA	+12V DC in	-10°C ~ 50°C	Windows 10, Linux
EPC-APL-34-C2-1R	Intel® Celeron® Processor J3455	4GB DDR3L	12V/5A	Stand/Din-Rail/VESA	1/4/2	HDMI/VGA	+12V DC in	-10°C ~ 50°C	Windows 10, Linux
EPC-APL-33-C2-1R	Intel® Celeron® Processor N3350	4GB DDR3L	12V/5A	Stand/Din-Rail/VESA	1/4/2	HDMI/VGA	+12V DC in	-10°C ~ 50°C	Windows 10, Linux

Packing List

Item	Quantity
EPC-APL System	1
AC/DC Adapter 12V/5A	1
Screw Kit for Peripherals	1
Table Stand	1

Optional Items

Item	P/N
Power Cord 3P (F)-3P (M) 183cm, USA Type	E1702031833R
Power Cord SL-6+SL-3 183cm, EU Type	E1702031000R
Power Cord 3P (F)-3P (M) 183cm, Japan w/PSE Type	E1702031834R
Power Cord QP-026+SL-3 183cm, UK Type	E170P060380R
Power Cord 3P (F)-3P (M) 183cm, Australia Type	E1702031831R

I/O Overview

