

BPC-3064

Embedded Box PC with Intel® Celeron® J6412 Processor

Applications

- Embedded Control Systems
- Factory Automation
- Intelligent Gateway Systems
- Intelligent Robotic Control
- Data Collection

Features

- Intel® Celeron® Elkhart Lake J6412 Processor
- 2 x DDR4 3200MHz, Max to 32GB
- Multiple Display: 2 x HDMI
- 2 x GbE LAN, 4 x USB3.2, 2 x USB2.0, 4 x COM
- M.2 M-Key 2280 (PCIe x2 & SATAIII)
- 9~36V DC Input

Ordering Information

Part No.	Description
BPC-3064-1A1	Intel® Celeron® J6412 Quad-core CPU, 4 x USB3.2, 2 x USB2.0, 2 x RS-232/422/485, 2 x RS-232, 2 x GbE, 2 x HDMI, Line Out, DC 9~36 V, Phoenix Connector

Packing List

Description
1 x BPC-3064-1A1

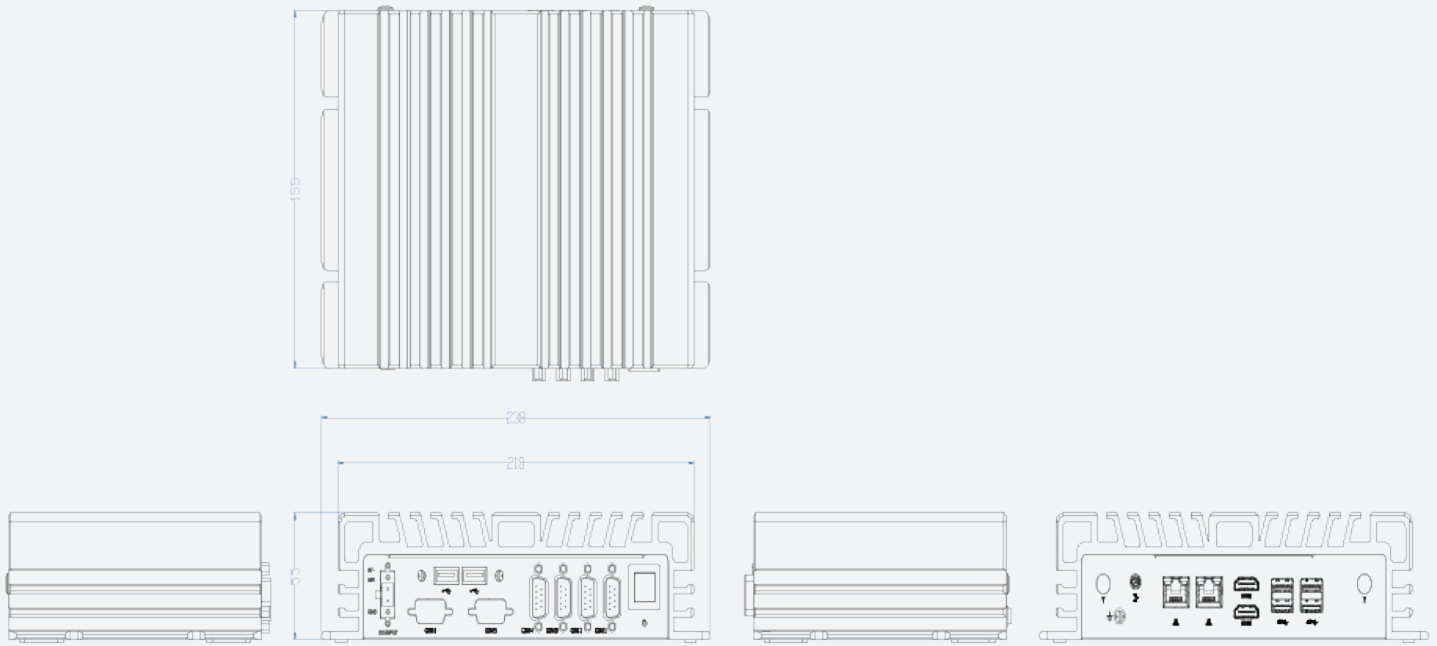
Optional Items

Part No.	Description
EA-PS-60W12VTB2xx-0111	Adaptor 60W/12V/5A_ 0~70°C _Terminal Block 2-Pin_FSP060-DHAN3
27-x301010005-CA	Power Cord, 3-pin EU Type, 180 cm
27-x301000003-CA	Power Cord, 3-pin US Type, 180 cm
AWD-4G003	4G(LTE) EG25-G + 2 Antennas, Full Size (for Global)
AWD-WF003	Wi-Fi 802.11 a/b/g/n/ac/BT4.0 (2T2R) + 2 Antennas (Dual Band), Half Size
AWD-WF005	Wi-Fi 802.11 a/b/g/n/ac/BT4.0 (2T2R) +2 Antennas (Dual Band), M.2 2230 Type

Specifications

Model		BPC-3064-1A1
Processor System	CPU	Intel® Celeron® J6412 Processor
	Frequency	up to 2.6GHz
	BIOS	UEFI
Memory	Technology	Dual Channel DDR4 3200MHz (un-buffered and non-ECC)
	Max. Capacity	32GB
	Type	2 x 260-pin SO-DIMM
Display	Graphics Engine	Intel® UHD Graphics
	Multiple Display	2
	HDMI	2 x HDMI, Max Resolution 4096x2160
I/O Interface	USB	4 x USB3.2 (Gen1), 2 x USB2.0
	Serial Port	2 x RS232/422/485, 2 x RS232
	Ethernet	2 x GbE (Intel® i211AT)
	Audio	1 x Line-out
	GPIO	N/A
	Antenna Hole	2
	CMOS Battery	1 x CMOS Battery
Storage	2.5" HDD / SSD	1 x SATA III (6.0Gb/s)
	M.2	1 x M.2 M-Key 2280 (PCIe x2 and SATA III)
Expansion	Mini-PCIe	1 x Full-Size Mini-PCIe (PCIe, USB 2.0 and SIM)
	SIM Holder	1 x Nano-SIM Holder
Power	Power Mode	AT/ATX
	Power Supply Voltage	9~36V DC Input
	Power Connector Type	1 x DC Power Connector, 1x2-pin Terminal Block
Mounting	Type	Wall Mount
Environment	Operating Temperature	-20 ~60°C
	Storage Temperature	-40 ~ 85°C
	Humidity	0% ~ 90% (non-condensing)
General	Vibration	5Grms, 5 - 500 Hz, 0.5 hr/axis
	Shock	50G, half sine, 11ms
	Certification	CE/FCC Class A
	Thermal Dissipation	Fanless for 35W CPU
	Material	Aluminum & SECC
	Dimensions (W x D x H)	238 x 155 x 55mm
	Net Weight	1.8kg
	Operating System	Windows 10 IoT, Windows 11 (IoT/Professional), Linux

Dimensions BPC-3064-1A1



Viewing

