BPC-3015

Embedded Box PC with Intel® N150 Processor



Applications

- Factory Automation
- Industrial IoT Gateway
- Transportation Management
- Edge AI Inference
- Data Collection

Features

- Intel® Processor N150 (Twin Lake)
- Single DDR5 4800MHz, Max to 16GB
- Onboard TPM 2.0 Security Chip
- Support 2 x 2.5GbE LAN ports (Intel® I226V)
- Dual HDMI displays supporting 4096 x 2160 resolution
- 1 x Full-size mini PCIe with SIM slot for 4G/5G module
- -20°C ~ 60°C Wide Operating Temperature

Ordering Information

Part No.	Description
BPC-3015-1A1	Intel® Processor N150, 2 x 2.5GbE, 2 x HDMI, 2 x RS-232/422/485, 2 x RS-232, 2 x USB3.2, 4 x USB2.0, Line Out, DC 12~36V, Phoenix Connector

Packing List

Description
1 x BPC-3015-1A1

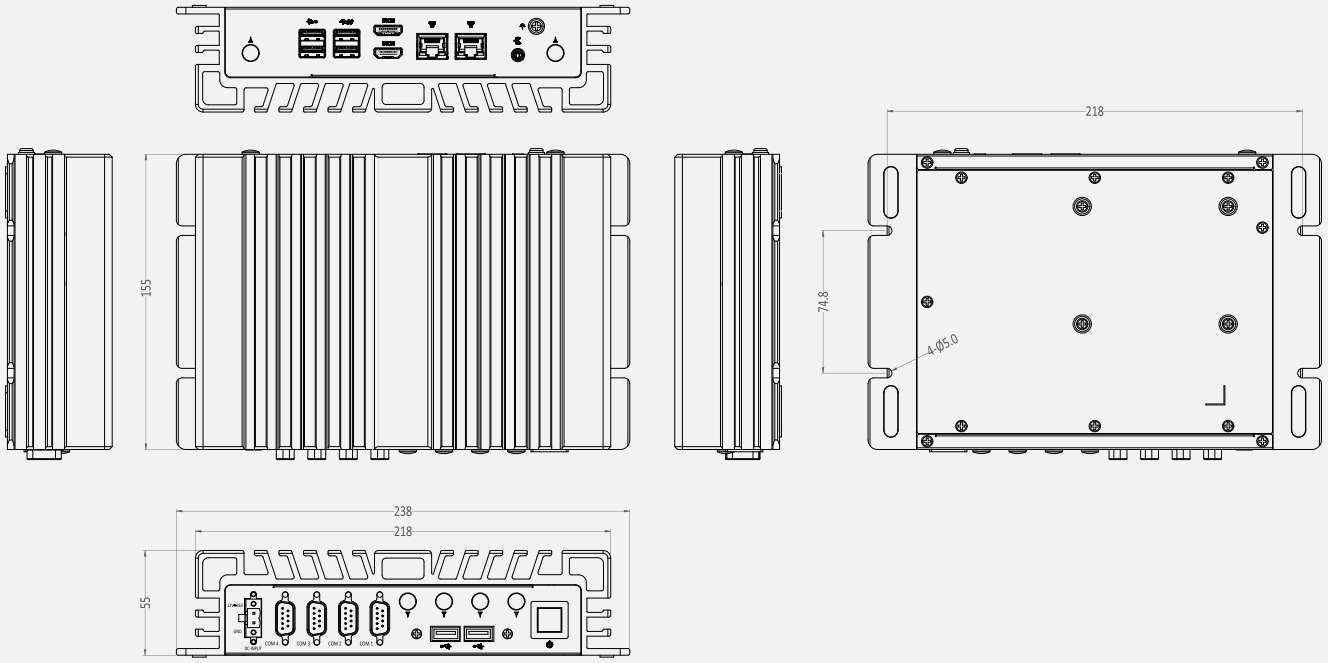
Optional Items

Part No.	Description
EA-PS-60W12VTB2xx-0111	Adaptor 60W/12V/5A_0~70°C_2-Pin Terminal Block Plug 5.0mm Pitch
EA-PS-60W12VTB2xx-0211	Adaptor 60W/12V/5A -30~70°C 2-Pin Terminal Block Plug 5.0mm Pitch
27-x301010005-CA	Power Cord, 3-pin EU Type, 180 cm
27-x301000003-CA	Power Cord, 3-pin US Type, 180 cm
EA-AWD-4G003xxxxx-0011	4G(LTE) EG25-G + 2 Antennas, Full Size (for Global)
EA-AWD-WFM2BT52TR-0011	Wi-Fi 802.11 a/b/g/n/ac/BT4.0 (2T2R) +2 Antennas (Dual Band), M.2 2230 Type

Specifications

Model		BPC-3015-1A1
Processor System	CPU	Intel® Processor N150 (Twin Lake)
	Frequency	up to 3.60GHz
	TPM	TPM 2.0 (INFINEON SLB9670VQ2.0)
	BIOS	AMI UEFI BIOS, 256Mb Flash ROM
Memory	Technology	Single Channel DDR5 4800MHz
	Max. Capacity	Support up to 16GB
	Type	1 x 262-pin SO-DIMM
Display	Graphics Engine	Intel® Graphics
	Multiple Display	2
	HDMI	2 x HDMI 2.0, Maximum Resolution 4096x2160 60Hz
I/O Interface	Ethernet	2 x 2.5GbE (Intel® I226V)
	Serial Port	2 x RS-232/422/485 2 x RS-232
	USB	2 x USB3.2 (Gen2) 4 x USB2.0
	Audio	1 x Line-out
	Antenna Hole	6
Storage	2.5" SSD	1 x 2.5” SATA SSD
	M.2	1 x M.2 M-Key 2280 (PCIe x2 and SATA III)
Expansion	M.2	1 x M.2 E-Key 2230 (PCIe x1 and USB2.0)
	Mini PCIe	1 x Full-Size Mini-PCIe (PCIe x1, USB2.0 and SIM)
	SIM Holder	1 x Nano-SIM Holder
Power	Power Mode	AT/ATX
	Power Supply Voltage	12 ~ 36V DC Input
	Power Connector Type	1 x DC Power Connector, 1 x 2-pin Terminal Block
Mounting	Type	Wall Mount
Environment	Operating Temperature	-20C ~ 60°C
	Storage Temperature	-30C ~ 70°C
	Humidity	0% ~ 90% (non-condensing)
	Vibration	IEC 60068-2-64: 5Grms, random, 5~500 Hz, 1hr/axis
	Shock	IEC 60068-2-27: 50G, half-sine, 11ms duration
	Certification	CE/FCC Class A
General	Thermal Dissipation	Fanless System
	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



Viewing

