CB-2210/2260

Compact Box PC Series with Intel® Twin Lake Processor

Applications

- Factory Automation
- Access Control
- Self-Service Kiosk
- Rugged Embedded
- IoT Gateway

Features

- Cable-free and Jumper-less Design to Enhance Reliability
- Supports 2 x DP 1.4a (Included 1 output from Type-C)
- Built-in Power Protection (OVP/OCP/RVP)
- 1 x External Clear CMOS Switch and 1 x Removable CMOS Battery
- 9~48V DC Input with Power Ignition Control
- -40 °C to 70 °C Operating Temperature

Ordering Information

Part No.	Description
CB-2210	Intel® Processor N150, 2 x 2.5GbE, 1 x DP 1.4a, 2 x RS232/422/485, 3 x USB3.2 Type-A, 1 x USB3.2 Type-C (colay DP 1.4a), 1 x USB2.0 Type-A, GPIO, 1 x Removable 2.5" HDD Bay, 9~48VDC
CB-2260	Intel® Core™ i3-N355, 2 x 2.5GbE, 1 x DP 1.4a, 2 x RS232/422/485, 3 x USB3.2 Type-A, 1 x USB3.2 Type-C (colay DP 1.4a), 1 x USB2.0 Type-A, GPIO, 1 x Removable 2.5" HDD Bay, 9~48VDC

Packing List

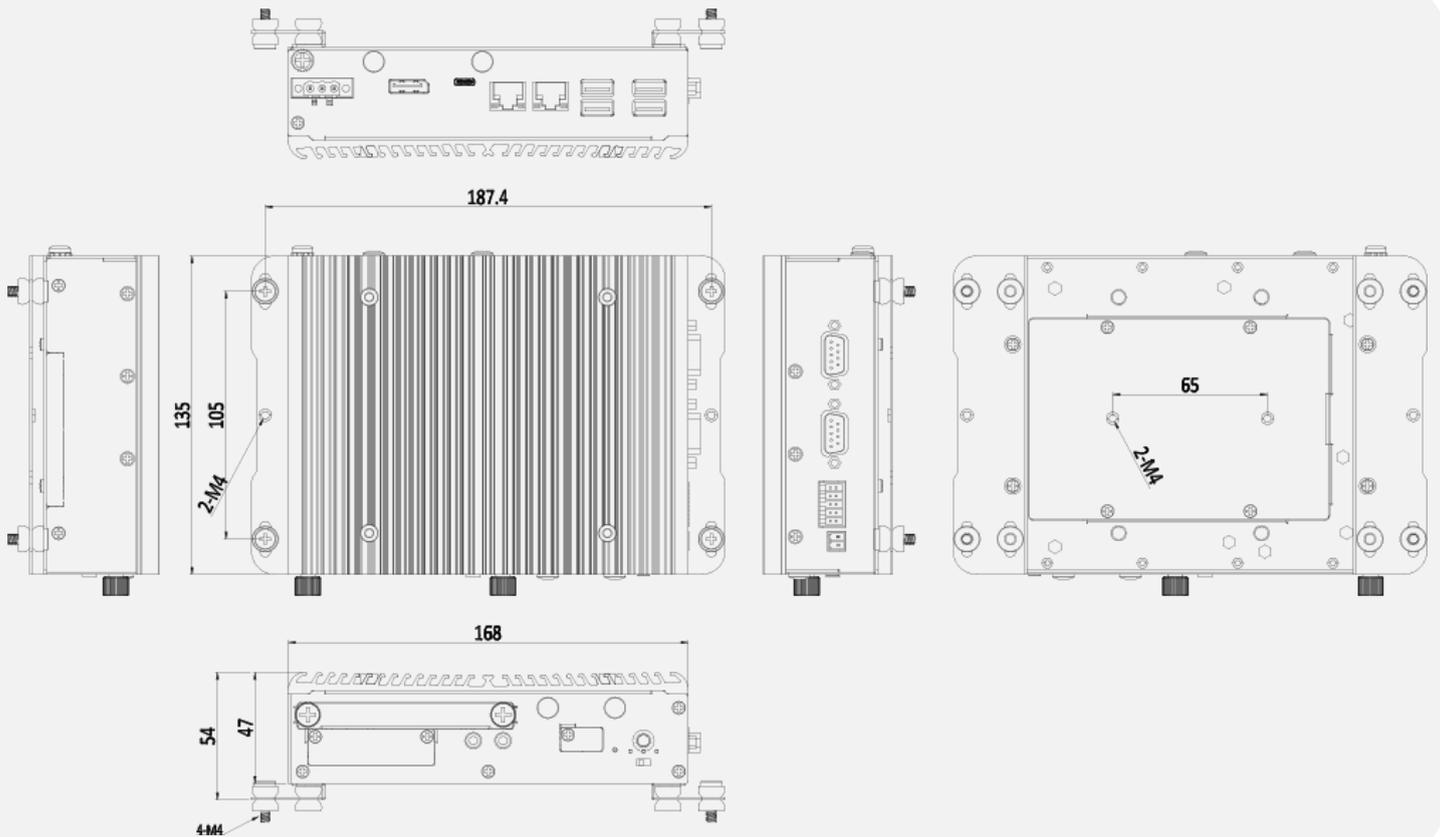| Description |
|---|
| 1 x CB-2210/2260 Series |
| 1 x Wall Mount Kit |

Optional Items

Part No.	Description
EA-AWD-4G003xxxxx-0011	4G (LTE) EG25-G + 2 Antennas, Mini-PCIe Full Size (for Global)
EA-AWD-4G005xxxxx-0011	4G (LTE) EM05-G + 2 Antennas, M.2 (for Global)
EA-AWD-WF007xxxxx-0010	Wi-Fi 802.11 a/b/g/n/ac/BT5.0 (2T2R) + 2 Antennas (Dual Band), Mini-PCIe Half Size
EA-PS-60W12VTB3xx-0111	Adapter AC/DC 12V 5A 60W with 3-pin Terminal Block Plug 5.0mm Pitch
27-x301000003-CA	Power Cord, 3-pin US Type, 180 cm
27-x301010005-CA	Power Cord, 3-pin EU Type, 180 cm
40-0740000000-10	DIN-RAIL Mount Kit

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Specifications

Model		CB-2210	CB-2260
Processor System	CPU	Intel® Processor N150	Intel® Core™ i3-N355
	Frequency	up to 3.60GHz	up to 3.90GHz
	Chipset	SoC	
	BIOS	AMI 256Mbit	
	TPM	TPM 2.0	
Memory	Technology	Single Channel DDR5 4800MHz	
	Max. Capacity	Support up to 16GB	
	Type	1 x 262-pin SO-DIMM	
Display	Graphics Engine	Intel® HD Graphics	
	Multiple Display	2	
	DP	2 x DisplayPort 1.4a, Max Resolution 4096 x 2160 (Included 1 output from Type-C)	
I/O Interface	USB	3 x USB3.2 (Gen2) Type-A 1 x USB3.2 (Gen2) Type-C (Supports DP 1.4a display output) 1 x USB2.0 Type-A	
	Serial Port	2 x RS232/422/485	
	Ethernet	2 x 2.5GbE Intel® I226-IT, RJ45	
	Audio	1 x Line-out, 1 x Mic-in	
	GPIO / DIO	Isolated DI x 4 and Isolated DO x 4, 2 x 5-pin Terminal Block	
	CMOS Battery	1 x External Clear CMOS Switch and 1 x Removable CMOS Battery	
	Antenna Hole	4	
	Flexible I/O Window	0	
Storage	2.5" HDD / SSD	1 x Removable 2.5" SATA HDD Bay	
	M.2	1 x M.2 M key 2230/2242/2280 (SATA)	
Expansion	Mini PCIe	1 x Full-Size Mini-PCIe (PCIe, USB2.0 and SIM)	
	M.2	1 x M.2 B key 2230/2242/2280 (PCIe, USB3.0 and SIM)	
	SIM Holder	2 x SIM Holders	
Power	Power Mode	AT/ATX	
	Power Supply Voltage	9~48V DC Input with Power Ignition Control	
	Power Connector Type	1 x DC Power Connector, 1 x 3-pin Terminal Block	
	Power Adapter	AC/DC, 12V/5A 60W	
	Car mode	1 x PC/Car Mode Switch 1 x Delay Time Switch	
Environment	Operating Temperature	-40C ~ 70°C	
	Storage Temperature	-40C ~ 80°C	
	Humidity	10% ~ 90% (Non-condensing)	
	Vibration	5Grms, 5-500Hz, 3Axis	
	Shock	50Grms, Half-sine 11ms	
	Certification	CE/FCC Class A	
General	Thermal Dissipation	Fanless System	
	Material	Extruded Aluminum with Heavy Duty Metal	
	Mounting	Wall Mounting	
	Dimensions (W x D x H)	168 x 135 x 47mm	
	Net Weight	1.23kg	
	Operating System	Windows 10 IoT, Windows 11 (IoT/Professional), Linux	

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Dimensions

187.4
135
105
2-M4
65
2-M4
168
54
47
4-M4

Viewing

1 x Removable HDD

1 x External Clear CMOS Switch and
1 x Removable CMOS Battery

1 x USB3.2 Type-C,
Supports DisplayPort output

2 x 2.5GbE Intel® I226-IT

3 x USB3.2 (Gen2) and
1 x USB2.0 Type-A

1 x DP

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