

EBX-2310M-C4

Intel 4th Core i5-4300U Fanless Industrial Computers
4 COM, 2LAN, 2HDMI, 4 USB3.0, 4 USB2.0, DC 9-24V



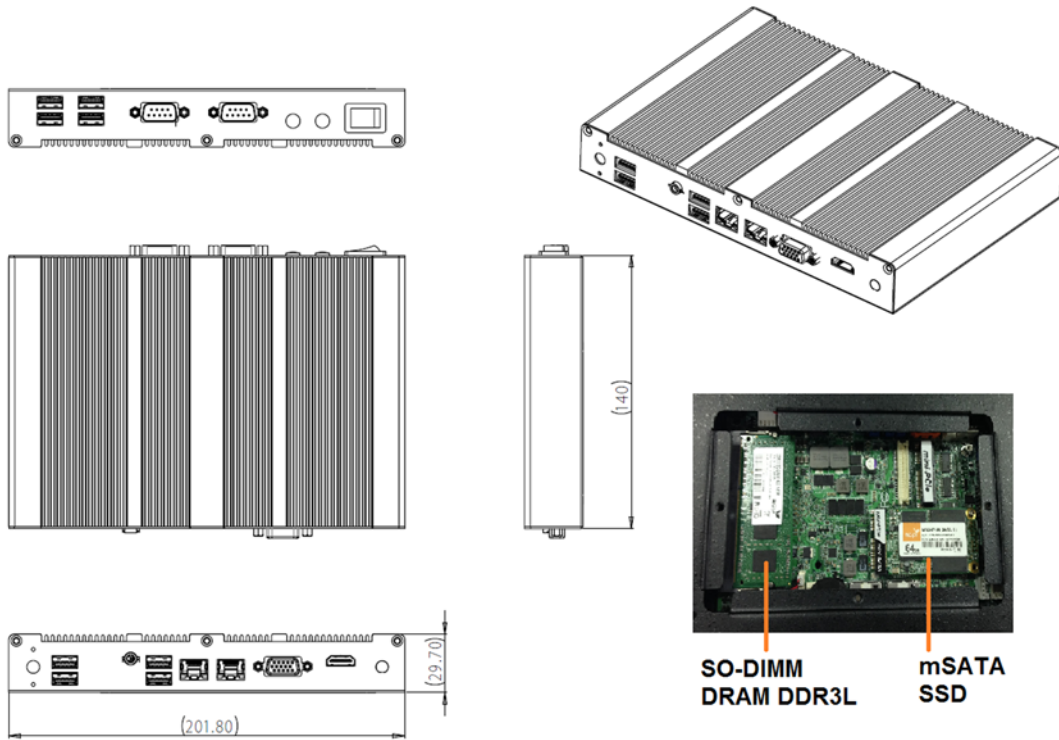
Features

- Intel Haswell ULT Core i5-4300U 1.9GHz CPU, HD Graphics 4400
- Intel Haswell ULT Core i3-4010U 1.7GHz CPU, HD Graphics 4400
- Dual HDMI (1x HDMI 4K2K),
- 2 Gigabit LAN, 4x USB 3.0, 4x USB 2.0
- 4 x COM, COM1/2 by RS-485/422/232, COM3/4 by RS-232
- Wide DC 9-24V Input by 2-Pin phoenix connector
- Supports Microsoft Windows WS7P, WS7E

Specifications

	Model	EBX-2310M-C4
Processor System	CPU	Core i5-4300U 1.9 GHz Dual Core
	L2 Cache	3MB
	BIOS	AMI 16Mb AMI UEFI with GUI support
	Power Consumption	15 W
	Graphics Processor	Intel Graphics 4400
Expansion Slot	Mini-PCIe /mSATA	1 x half-size
	Mini-PCIe (half-size)	1 x Mini-PCIe full-size
Memory	Specification (SO-DIMM)	8 GB Max, 1 x DDR3L-1333
Graphics	VGA	NA
	HDMI	2 x HDMI (1xHDMI supports HDMI 1.4a, resolution up to 4096x2304 @ 24Hz)
	LVDS (internal connector)	1 x Dual channel 24-bit LVDS up to 1920 x 1200, (customized LVDS solution for LCD)
Ethernet	LAN1 Gigabit Controller	1 x Intel I218LM
	LAN2 Gigabit Controller	1 x Realtek RTL8111G
Storage	2.5" Drive Bay	1 x SATA1 for 2.5" SATA drive
	mSATA	1 x full-size Mini-PCIe shared with SATA2
	SATA DOM	Options 32GB SATAIII on SATA2(mSATA disabled)
Rear Bezel I/O	HDMI	2 x HDMI
	Ethernet	2 x RJ45
	USB Type A	4 x USB 3.0, 2 x USB 2.0
	Audio	1 x Audio ports (Line-out)
	System Power Input	1 x DC-Jack, 9-24 VDC Input (Option inquiry by 2-pin phoenix connector)
	Antenna	2 x Antenna mounting holes (Option)
Front Bezel I/O	Power-On Button	1x Moment button switch to turn-on system
	System Power LED	1x LED for system power status
	HDD LED	1x LED for SATA HDD data access status
	COM 1-2 Ports	2 x DB-9 (2 x RS-485/422/232, Pin9 +5/+12V selectable,)
	COM 3-4 Ports	2 x DB-9 (2 x RS-232)
	USB	2 x USB 2.0
	Option GPIO 8-bit	1 x DB-9 or DB-15 by request on front bezel, 4 x GPI + 4 x GPO and GND
	LVDS Port	Customized LVDS solution for open frame LCD display
Operation System	Win 7	Win 7 32-bit, 64-bit
Watchdog Timer	Output and Interval	System reset, programmable 1 ~ 255 sec/min; 1 sec. or 1min. /step
Power Requirement	DC Input	9-24VDC input (option DC12V 60W adapter)
Environment	Operating Temperature	10°C ~50°C(32~140°F)
	Storage Temperature	-40 ~ 85°C (-40 ~ 185°F)
	Air Flow condition	30°C -50°C with 0.7m/s air flow
Physical Size	Dimensions	225mm(W) x 140mm(D) x 45mm(H)
Packing Size	Dimensions	300mm(W) x 260mm(D) x 130mm(H)
Weight	N.W / G.W.	3Kg / 4 Kg

Dimensions



Ordering Information

Part Number	CPU	HDMI	GbE	USB 3.0	USB 2.0	COM 1	COM 2, 3, 4	Memory	mSATA	DC-IN
EBX-2310M-C4-M2-32	Core i5-4300U	2	2	4	4	1 x RS232/422/485	3	2 GB	32 GB	Phoenix 2-pin
EBX-2310M-C4-M4-32	Core i5-4300U	2	2	4	4	1 x RS232/422/485	3	4 GB	32 GB	Phoenix 2-pin
EBX-2310M-C4-M2-64	Core i5-4300U	2	2	4	4	1 x RS232/422/485	3	2 GB	64 GB	Phoenix 2-pin
EBX-2310M-C4-M4-64	Core i5-4300U	2	2	4	4	1 x S232/422/485	3	4 GB	64 GB	Phoenix 2-pin

Optional Items

Part Number	Description
EBX-VM-BK	Chassis VESA Mount 75 & Wall Mount Bracket Kits, Black, with Screws
EBX-WM-BK	Wall Mount Bracket Kits, Black, with Screws
EBX-DM-BK	DIN RAIL Bracket Kits
PSW-DBAE1-50W-2P	AC-DV 12V 50W Adapter, 90V-264Vac input by C14 socket, DC 12V@4.16A output with 2-pin Phoenix connector