

AIMB-B2203

Embedded Mini-ITX Chassis with One Expansion Slot

NEW



Features

- Supports Intel® 4th Gen Core™ i processor (LGA1150) with Intel H81 chipset
- Two 204-pin SO-DIMM up to 16 GB DDR3 1600 MHz SDRAM
- Supports dual display of CRT/DVI/DP++/LVDs
- Supports PCIe x16 (Gen 2) and two mini PCIe
- One expansion slot (low profile)
- Reserved 4 USB, 4 COM, and 2 WLAN antenna punchouts on front panel
- CE/FCC/CCC



Specifications

Model Name	EPC-B2000											
Order Number	AIMB-B2203-15ZE											
Drive Bay	Slim Optical Disk Drive and HDD	2.5" HDD*2 or 2.5" HDD*1 + slim ODD*1										
Cooling	System Fan	2 (7cm/39.45CFM each) / 1 CPU Cooler										
System Specification	CPU	i7-4790S	i7-4770S	i7-4770TE	i5-4590S/4590T	i5-4570S	i5-4570TE	i3-4360/4350T/4340TE	i3-4330	i3-4330TE	Pentium G3420	Pentium G3320TE
	Core Number	4	4	4	4/4	4	2	2/2/2	2	2	2	2
	Max Speed	3.2GHz	3.1 GHz	2.3 GHz	3.0/2.0 GHz	2.9 GHz	2.7 GHz	3.7/3.1/2.6 GHz	3.5 GHz	2.4 GHz	3.2 GHz	2.3 GHz
	TDP(W)	65W	65W	45W	65W/35W	65W	35W	54W/35W/35W	54W	35W	54W	35W
	Memory	2 x 204-pin DDR3 SO-DIMM (Non-ECC) upto 16GB (8GB per SO-DIMM)										
Front IO	USB	4 (Optional)										
	Serial	4 (Optional)										
	WLAN Antenna	2 (Optional)										
	Miscellaneous	Power and HDD LED x1, RST Button x1, Power Switch x1										
Rear IO	CRT	1										
	DVI-D	1										
	Display Port 1.2	1										
	Ethernet	2										
	USB	4 (2 USB3.0, 2 USB2.0)										
	Audio	3 (Min-in, Line-out, Line-in)										
	Serial	1 (RS-232, COM1 Supports 5V/12V)										
	PS/2	2 (1 x keyboard and 1 x mouse)										
Environment	Expansion slot	1 (low profile, optional)										
	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)										
	Non-operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)										
	Humidity	10 ~ 85% @ 40 °C, non-condensing										
	Vibration (5 ~ 500 Hz)	1 Grms (HDD*1+ODD*1); 0.5 Grms (HDD*2)										
	Shock	10G (with 11ms duration, half sine wave)										
	Certification	CE/FCC/CCC										
Physical Characteristics	Dimensions (W x H x D)	250 x 98 x 255 mm (9.84" x 3.86" x 10.04")										
	Weight	3.8 kg										

* Top drive bay supports max. 12.5mm height HDD or slim ODD; Bottom drive bay supports max. 9.5mm height HDD.

Front View



Internal View

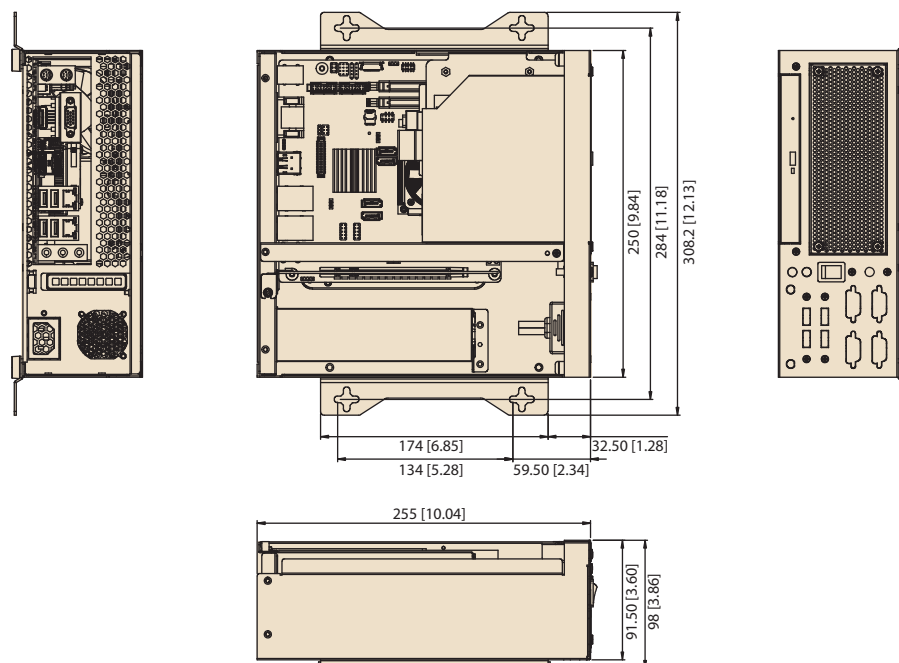


Rear View



Dimensions

Unit: mm [inch]



Ordering Information

Model Name	Part Number	Power Supply	Supported MB	Certification
EPC-B2000	AIMB-B2203-15ZE	ATX 150W	AIMB-203	CE/FCC/CCC

Power Supply Options

Part Number	Watts	Input	Output	Safety
96PS-A150WFX-1	150 W	AC 100 ~ 240 V	+3.3 V @ 10 A, +5 A @ 13 A, +12 V @ 10 A, +5 vsb @ 2 A, -12 V @ 0.3 A	CE/FCC/CCC/UL/CB/TUV

Packing List

Part Number	Description	AIMB-B2203-15ZE Quantity
1700018910	SATA Cable	2
1700021185-01	SATA Power Cable (2 Ports)	1
1700023417-01	Fan cable 3p to 4p	2
1960057977N000	HDD Holder FOR AIMB-B2000	1
1990015239T000	Rubber Damper on HDD Holder	4
1990009411T000	Mylar 94X69 for HDD	2
1930004607	M3x4 Screws For HDD#1,#2	8
1930000002	M4x8 Screws For HDD Holder	4
1960014487T001	Wall Mount Bracket	2
1990012452S000	Rubber Foot	4
1930003238	M3x5 Screws For Rubber Foot/Wall Mount bracket	4
1935020330	M2x3 Screws For Slim ODD	4
1939000361	M3x6 Screws For Main Board	4
2066B20000	CD for AIMB-B2000 User Manual V1.00	1
2190000902	CARDBOARD-WARRANTY REV. A2	1

Optional Accessories

Part Number	Description
96SDVR-8X-ST-HL-B	Slim DVD-ROM
1700022989-01	USB cable with two ports. 34.5cm
1700018971	SATA HDD cable for AIMB-226/231/281/203/274
1700011772	SATA power cable for slim ODD for AIMB-274/273/272/270/203 with AIMB-B2000-15ZE
1700022458-01	COM cable (1-4)
1700000596	Power cable 3-pin 183cm, China type
1702031801	Power cable 3-pin 183cm, UK type
1702002600	Power cable 3-pin 183cm, USA type
1702002605	Power cable 3-pin 183cm, Europe type