

AIMB-B2242

Embedded Mini-ITX Chassis with One Expansion Slot

NEW



Features

- Supports Intel® 6th Gen Core™ i7-6820EQ mobile processor (BGA) with Intel QM170 chipset
- Two 260-pin SO-DIMM up to 32GB DDR4 2133 MHz SDRAM
- Supports triple display of Dual DP++/HDMI/LVDS(eDP)
- One expansion slot (low profile)
- Two Shock Resistant 2.5" drive bays
- Reserved 1 USB, 1 COM, and 2 WLAN antenna punchouts on front panel



Specifications

Model Name	EPC-B2000	
Order Number	AIMB-B2242H7-15ZE	
Drive Bay	Slim Optical Disk Drive and HDD	2.5" HDD*2 or 2.5" HDD*1 + slim ODD*1
Cooling	Fan	2 (7cm/39.45CFM each) / 1 CPU Cooler
System Spec	CPU	i7-6820EQ
	Core Number	4
	Max Speed	2.8GHz
	TDP	45W
	Memory	Two 260-pin SO-DIMM up to 32GB DDR4 2133 MHz SDRAM
Front IO	USB	-
	Serial	1 (Optional)
	WLAN Antenna	2 (Optional)
	Miscellaneous	Power and HDD LED x1 , RST Button x1, Power Switch x1
Rear IO	HDMI	1
	Display Port 1.2	2
	Ethernet	2
	USB	8 (USB 3.0)
	Audio	3 (Mic in, Line out, Line in)
	Serial	1 (RS232, supports 5V/12V)
	AC Power Input	1
	Expansion slot	1 (low profile)
Environment	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
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

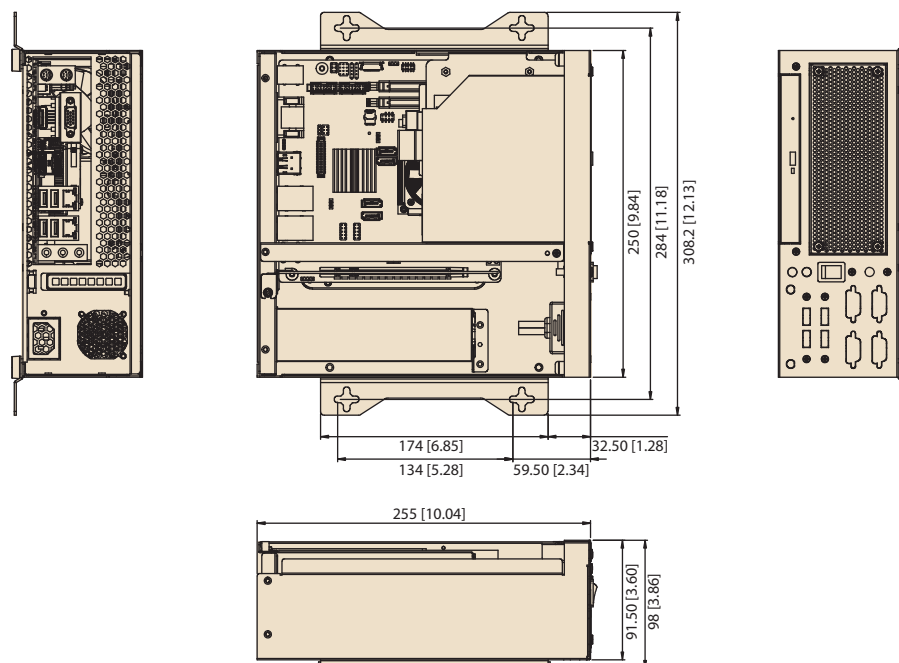


Rear View



Dimensions

Unit: mm [inch]



Ordering Information

Model Name	Part Number	Power Supply	Supported MB	Certification
EPC-B2000	AIMB-B2242H7-15ZE	ATX 150W	AIMB-242QG2-H7A1E	CE/FCC

Power Supply

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-B2242H7-15ZE 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
1700023474-01	2 port USB cable, F10p/2.0, lock 10-pin(right-up), 345 mm
1700018971	SATA HDD cable
1700011772	SATA power cable for slim ODD
1700022363-01	COM port cabl
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