

AIMB-B2275

Embedded Mini-ITX Chassis with One Expansion Slot

NEW



Features

- Supports Intel® 7th & 6th Gen Core™ i processor (LGA1151) with Intel Q170/H110 chipset
- Two 260-pin SO-DIMM up to 32GB DDR4 2133 MHz SDRAM
- Supports triple display of VGA/DP/HDMI
- One expansion slot (low profile)
- Reserved 4 USB, 1 COM, and 2 WLAN antenna punchouts on front panel
- Two Shock Resistant 2.5" drive bays
- Two SKUs, to support both ATX power supply & AC-DC power adaptor



Specifications

Model Name	EPC-B2000				EPC-B2000			
Order Number	AIMB-B2275SG-15ZE				AIMB-B2275SG-00YE			
Drive Bay	Slim Optical Disk Drive and HDD				2.5" HDD*2 or 2.5" HDD*1 + slim ODD*1			
Cooling	Fan				1 (7cm/39.45CFM) / 1 CPU Cooler			
System Spec	CPU	i7-6700	i7-6700TE	i5-6500	i5-6500TE	i3-6100	i3-6100TE	Pentium G4400/4400TE
	Core Number	4	4	4	4	2	2	2 / 2
	Max Speed	3.4GHz	2.4GHz	3.2GHz	2.3GHz	TBD	2.7GHz	3.3GHz / 2.9GHz
	TDP	65W	35W	65W	35W	51W	35W	54W / 35W
	Memory	Two 260-pin SO-DIMM up to 32GB DDR4 2133 MHz SDRAM						
Front IO	USB	4 (Optional)				4 (Optional)		
	Serial	1 (Optional)				1 (Optional)		
	WLAN Antenna	2 (Optional)				2 (Optional)		
	Miscellaneous	Power and HDD LED x1, RST Button x1, Power Switch x1						
Rear IO	CRT	1				1		
	HDMI	1 (HDMI 2.0 or HDMI 1.2)				1 (HDMI 2.0 or HDMI 1.2)		
	Display Port 1.2	1				1		
	Ethernet	2				2		
	USB	4 (USB 3.0)				4 (USB 3.0)		
	Audio	3 (Mic in, Line out, Line in)				3 (Mic in, Line out, Line in)		
	Serial	1 (RS232, supports 5V/12V)				1 (RS232, supports 5V/12V)		
	Phoenix Connector	0				1		
	AC Power Input	1 (100~240V AC input)				0		
	Expansion slot	1 (low profile)				1 (low profile)		
Environment	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)				0 ~ 40 °C (32 ~ 104 °F)		
	Non-operating Temperature	-20 ~ 60 °C (-4 ~ 140 °F)				-20 ~ 60 °C (-4 ~ 140 °F)		
	Humidity	10 ~ 85% @ 40 °C, non-condensing				10 ~ 85% @ 40 °C, non-condensing		
	Vibration (5 ~ 500 Hz)	1 Grms (HDD*1+ODD*1); 0.5 Grms (HDD*2)				1 Grms (HDD*1+ODD*1); 0.5 Grms (HDD*2)		
	Shock	10G (with 11ms duration, half sine wave)				10G (with 11ms duration, half sine wave)		
	Certification	CE/FCC/CCC				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")				250 x 98 x 255 mm (9.84" x 3.86" x 10.04")		
	Weight	3.8 kg				3.1 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

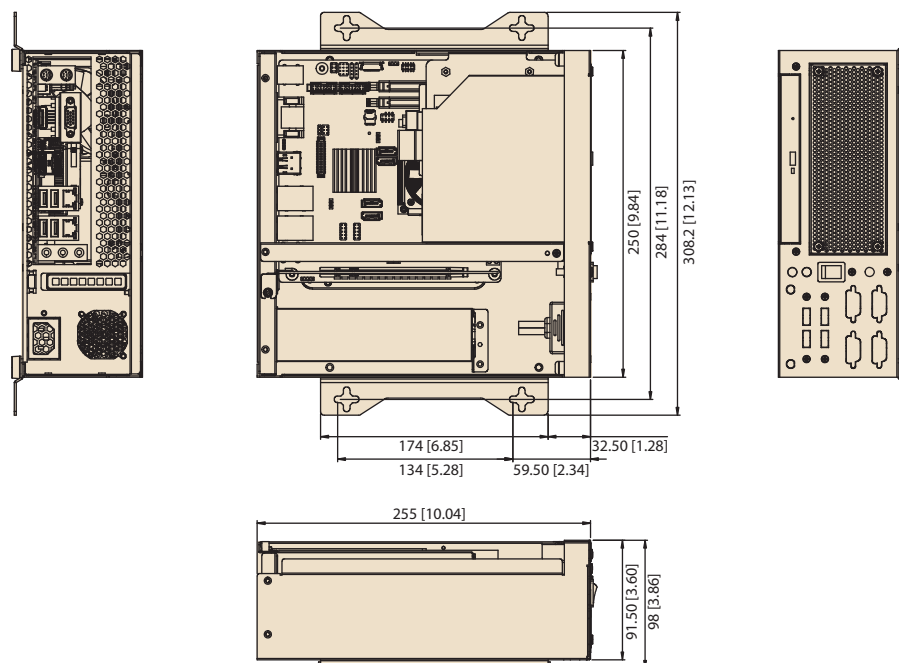


Rear View



Dimensions

Unit: mm [inch]



Ordering Information

Model Name	Part Number	Power Supply	Supported MB	Certification
EPC-B2000	AIMB-B2275SG-15ZE	ATX 150W	AIMB-275G2-00A1E	CE/FCC/CCC
	AIMB-B2275SG-00YE	Optional external AC-DC Adaptor 120W with Phoenix Connector	AIMB-275G2-00A1E	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
96PSA-A120W12P4	120W	AC 100 ~ 240 V	12 V, 10A	CE/FCC/CCC/UL/CB/KC/PSE/GS/GOST R

Packing List

Part Number	Description	AIMB-B2275-15ZE	AIMB-B2275-00YE
		Quantity	
1700018910	SATA Cable	2	2
1700021185-01	SATA Power Cable (2 Ports)	1	0
1700023417-01	Fan cable 3p to 4p	2	1
1960057977N000	HDD Holder FOR AIMB-B2000	1	1
1990015239T000	Rubber Damper on HDD Holder	4	4
1990009411T000	Mylar 94X69 for HDD	2	2
1930004607	M3x4 Screws For HDD#1,#2	8	8
1930000002	M4x8 Screws For HDD Holder	4	4
1960014487T001	Wall Mount Bracket	2	2
1990012452S000	Rubber Foot	4	4
1930003238	M3x5 Screws For Rubber Foot/Wall Mount bracket	4	4
1935020330	M2x3 Screws For Slim ODD	4	4
1939000361	M3x6 Screws For Main Board	4	4
2066B20000	CD for AIMB-B2000 User Manual V1.00	1	1
2190000902	CARDBOARD-WARRANTY REV. A2	1	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
1700025573-01	2 port USB 3.0 Cable A CABLE USB 3.0 A/M*2/2*10P 2.0 90D 20CM
1700021703-01	1 port COM cable, F-10p/2.54, 180mm (w/o Bracket)
1700018971	SATA HDD cable
1700021446-11	SATA power cable for slim ODD for AIMB-B2275-15ZE
1700023646-01	SATA power cable for slim ODD for AIMB-B2275-00YE
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

Mouser Electronics

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