

# AIMB-B2205

## Embedded Mini-ITX Chassis with One Expansion Slot

**NEW**



### Features

- Supports Intel® 7th Gen Core™ & 6th Gen Core™ i processor /Pentium / Celeron (LGA1151) with Intel H110 chipset
- Two 260-pin SO-DIMM up to 32GB DDR4 2133 MHz SDRAM
- Supports Dual display configuration by multiple interface: DP/DVI-D/VGA
- Supports DirectX 12, OpenGL 4.4, OpenCL 2.0 and outstanding 3D graphics performance
- One expansion slot (low profile)
- Two Shock Resistant 2.5" drive bays
- Reserved 4 COM ports, and 2 WLAN antenna punchouts on front panel



WISE-PaaS/RMM CE FCC RoHS COMPLIANT PRODUCT

### Specifications

Model Name	EPC-B2000										
Order Number	AIMB-B2205SG-15ZE										
Drive Bay	Slim Optical Disk Drive and HDD										
Cooling	Fan										
	2 (7cm/39.45CFM each) / 1 CPU Cooler										
System Spec	CPU	i7-7700/ 7700T	i7-6700/ i7-6700TE	i5-7500/ i5-7500T	i5-6500/ i5-6500TE	i3-7101/ i3-7101TE	i3-6100/ i3-6100TE	Pentium G4400	Pentium G4400TE	Celeron G3900	Celeron G3900TE
	Core Number	4/4	4/4	4/4	4/4	2/2	2/2	2	2	2	2
	Max Speed	3.6GHz/ 2.9GHz	3.4GHz/ 2.4GHz	3.4GHz/ 2.7GHz	3.2GHz/ 2.3GHz	3.9GHz/ 3.4GHz	3.7GHz/ 2.7GHz	3.3G	2.4G	2.8G	2.6G
	TDP	65W/35W	65W/35W	65W/35W	65W/35W	54W/35W	51W/35W	54W	35W	51W	35W
	Memory	Two 260-pin SO-DIMM up to 32GB DDR4 2133 MHz SDRAM									
Front IO	USB	4 (Project Base)									
	Serial	4 (Optional)									
	WLAN Antenna	2 (Optional)									
	Miscellaneous	Power and HDD LED x1 , RST Button x1, Power Switch x1									
	Rear IO	DVI-D	1								
VGA		1									
DisplayPort		1									
Ethernet		2									
USB		4 (USB2.0) /4 (USB3.0)									
Audio		3 (Mic in, Line out, Line in)									
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

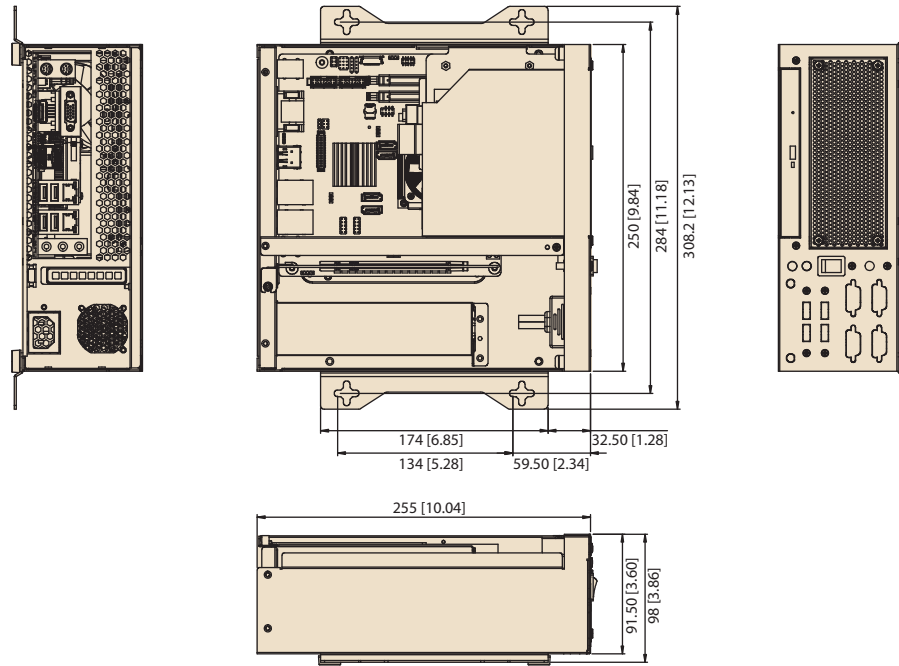


### Rear View



## Dimensions

Unit: mm [inch]



## Ordering Information

Model Name	Part Number	Power Supply	Supported MB	Certification
EPC-B2000	AIMB-B2205SG-15ZE	ATX 150W	AIMB-242QG2-H7A1E	CE/FCC

## 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-B2000-15ZE	AIMB-B2000-00YE
		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
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
1700023646-01	SATA power cable for slim ODD for AIMB-231/230/225/224/223/215/214/213 with AIMB-B2000-00YE
1700023647-01	SATA power cable for slim ODD for AIMB-212 with AIMB-B2000-00YE
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