

AIMB-B2000

Embedded Mini-ITX Chassis with One Expansion Slot



Features

- Economical Embedded chassis for Mini-ITX motherboard
- Front LED indicators for system fault detection and with one expansion slot
- Reserved USB, COM and WLAN antenna openings on front window
- Shock-resistant two 2.5" drive bay
- Two SKUs to support ATX Power Supply & AC-DC Power Adaptor



Specifications

		AIMB-B2000-15ZE	AIMB-B2000-00YE
Drive Bay			
	Slim Optical Disk Drive and HDD	2.5" HDD*2 or 2.5" HDD*1 + slim ODD*1	2.5" HDD*2 or 2.5" HDD*1 + slim ODD*1
Cooling			
	Fan	2 (7cm/39.45CFM each)	1 (7cm/39.45CFM)
Reserved opening	USB	4	4
	Serial	4	4
	WLAN Antenna	2	2
	Expansion slot	1 (low profile)	1 (low profile)
	LED Indicators	Power, HDD	Power, HDD
Miscellaneous	Reset Button	1	1
	Power Switch	1	1
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)	1G (HDD*1+ODD*1); 0.5G (HDD*2)	1G (HDD*1+ODD*1); 0.5G (HDD*2)
	Shock	10G (with 11ms duration, half sine wave)	10G (with 11ms duration, half sine wave)
Physical Characteristics	Dimensions (W x H x D)	250 x 98 x 255 mm (10.04" x 3.86" x 9.84")	250 x 98 x 255 mm (10.04" x 3.86" x 9.84")
	Weight	3.8 kg	3.1 kg

Front View



Inside View

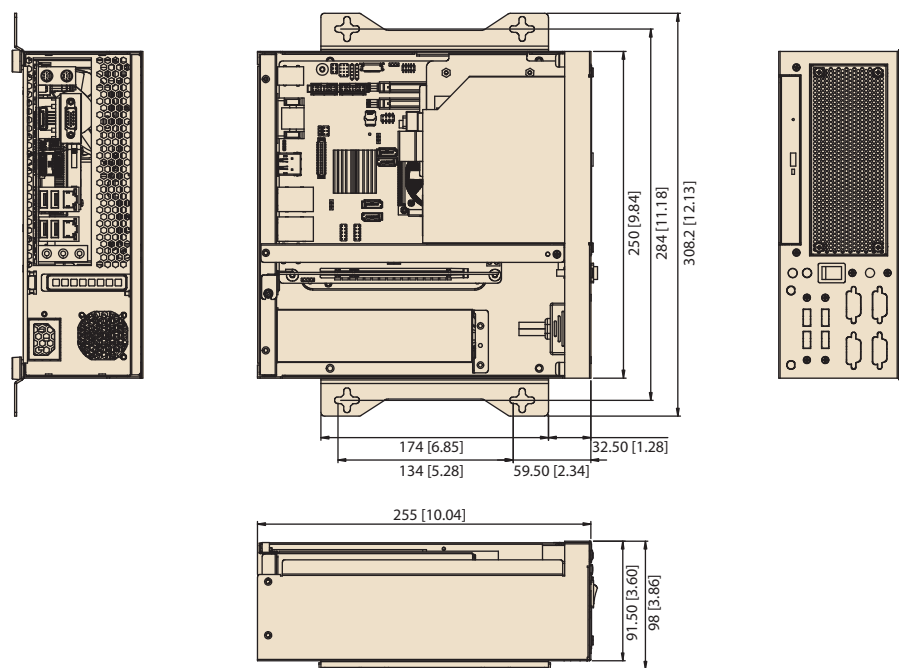


Rear View



Dimensions

Unit: mm [inch]



Ordering Information

Parts Number	Power Supply	Supported MB	Regulation
AIMB-B2000-15ZE	ATX 150W	AIMB-273/272/270	CE, FCC, (UL coming soon)
AIMB-B2000-00YE	Optional external AC-DC Adaptor 60W & 84W	AIMB-214/213/212/223	CE, FCC, (UL coming soon)

Note: Please use Advantech's certified CPU cooler 1960054541N001 for AIMB-273/AIMB-272/AIMB-270 with AIMB-B2000-15ZE.

Power Supply Options

Parts Number	Watts	Input	Output	Safety
1757003464	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
1757003995	60 W	AC 100 ~ 240 V	12 V, 5 A	CE/FCC/CCC/UL/CB/KC/PSE/GS/GOST R
1757003064	84 W	AC 100 ~ 240 V	12 V, 7 A	CE/FCC/CCC/UL/CB/KC/PSE/GS/GOST R/C-Tick/BSMI

Optional Accessories

Part Number	Description
96SDVR-8X-ST-LG-B2	Slim DVD-ROM
1700020710-02	USB cable with two ports. 25 cm
1700011772	SATA power cable for slim ODD for AIMB-273/272/270 with AIMB-B2000-15ZE
1700021444-01	SATA power cable for slim ODD for AIMB-214/213/223 with AIMB-B2000-00YE
1700021446-01	SATA power cable for slim ODD for AIMB-212 with AIMB-B2000-00YE