

ACP-2320MB

2U Rackmount Chassis with Dual SATA HDD Trays for Easy Data Mirroring

NEW



Features

- Ideal building block for business expansion
- Compact 2U-high rackmount chassis supporting ATX motherboard
- Dual easy-to-maintain SATA HDD trays for data mirroring
- Front LED indicators for system alarm notification
- Front-accessible USB and PS/2 interfaces
- Shock-resistant disk driver bay design to hold two internal 3.5" HDD
- Front-accessible and easy-to-replace air filters
- Lockable front door prevents any unauthorized access
- Butterfly riser card supporting up to three full-length PCI cards
- 300W/400W ATX PFC power supply



Specifications

Drive Bay	Slim CD-ROM	Front-accessible 1	Internal -
	3.5"	2 (SATA HDD)	2 (SATA or ATA HDD, depending on the enclosed motherboard)
Cooling	Fan	2 x 47 CFM; 1 x 28 CFM	
	Air Filter	One 5.3 cm x 12 cm filter in front of dual fans, and one smaller filter in the drive bay door; both are front accessible	
I/O Interface	USB	2 (Front-accessible)	
	PS/2	PS/2 keyboard and mouse, or PS/2 keyboard depends on the enclosed motherboard	
Miscellaneous	Notification LEDs	PWR, HDD (Internal), TEMP, Fan, SATA HDD power & activity	
	Rear panel	Reserved one D-SUB 9-pin opening and one 68-pin SCSI opening	
	Riser card (9696070000)*	Supports up to three PCI add-on cards	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F)	-20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	10 ~ 85 % @ 40 °C, non-condensing	10 ~ 95 % @ 40 °C, non-condensing
	Vibration (5-500 Hz)	1 Grms	2 G
	Shock	10 G (With 11 ms duration, half sine wave)	30 G
	Acoustic Noise	Less than 52dB sound pressure at 5 ~ 28 °C (41 ~ 82 °F)	
Physical Characteristics	Altitude	0 to 3,048 m (0 ~ 10,000 ft)	
	Dimensions (W x H x D)	482 x 88 x 480 mm (19"x 3.46" x 18.9")	
	Weight	13.5 kg (29.7 lb)	

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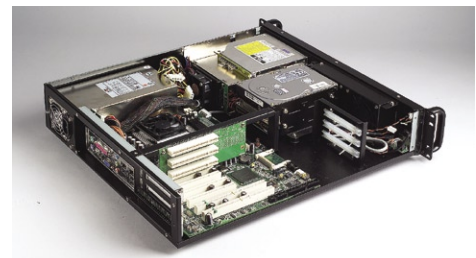
s motherboards.



The front view of ACP-2320MB

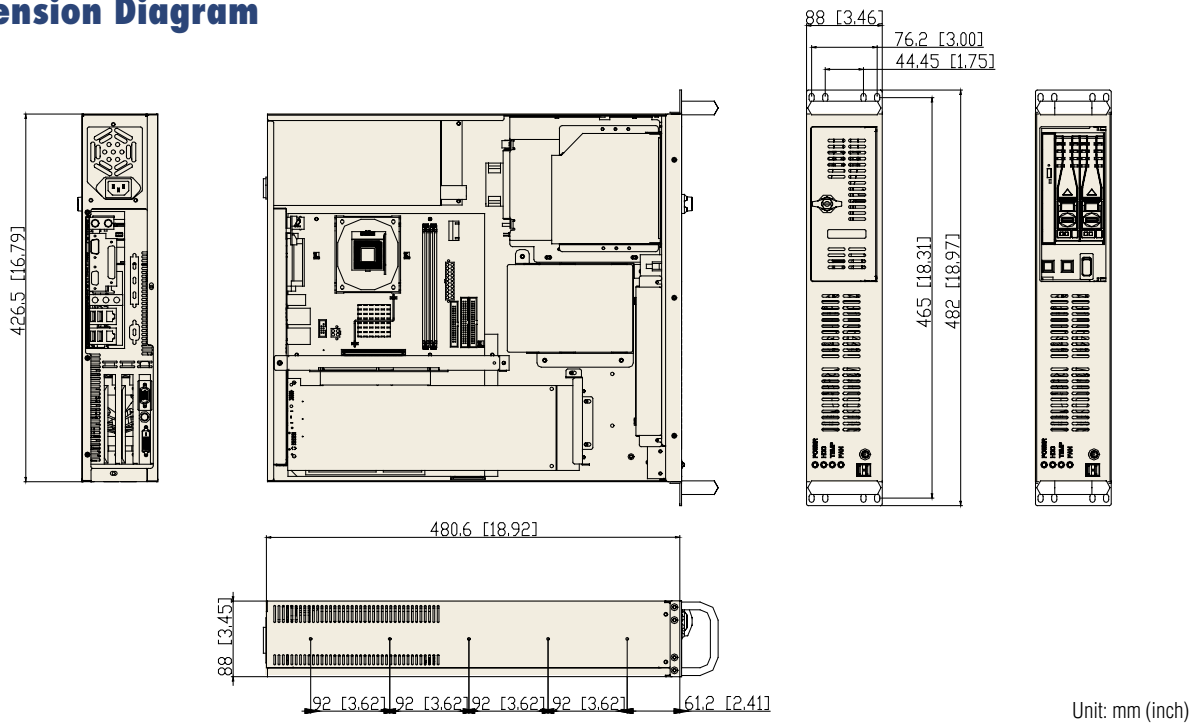


Dual easy-to-maintain SATA HDD trays



The inside view of ACP-2320MB

Dimension Diagram



- 1 Industrial Motherboards
- 2 Industrial Motherboard Chassis
- 3 PICMG Single Board Computers
- 4 Industrial Computer Chassis
- 5 Industrial Computer Peripherals
- 6 6U CompactPCI Enclosures
- 7 6U CompactPCI Boards
- 8 6U CompactPCI I/O
- 9 6U CompactPCI Accessories
- 10 3U CompactPCI Systems
- 11 Internet Security Platforms
- 12 Network Application Ready Platforms

Power Supply Options

Part Number	Watt	Input	Specifications			
			Output	Mini-load	Safety	MTBF
1757000105 (ATX, PFC)	400W	AC 100 ~ 240V (Full-range)	+5 V @ 25 A, +3.3 V @ 20 A +12 V @ 28 A, -12 V @ 0.5 A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5V @ 3A, +12V @ 2A +3.3V @ 1A, +5Vsb @ 0.1A	UL/TUV/CB/CCC	100,000 hours @ 25 °C
1757000007 (ATX, PFC)	300 W	AC 100 ~ 240V (Full-range)	+5 V @ 35 A, +3.3 V @ 20 A +12 V @ 16 A, -12 V @ 1 A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5V @ 3A, +12V @ 2A -5V @ 0.05A, -12V @ 0.05A +3.3V @ 1A, +5Vsb @ 0.1A	UL/TUV/CB/CCC	97,800 hours @ 25 °C

Ordering Information

Part Number	Power Supply	Riser Card	Motherboard	Regulation
ACP-2320MB-00X	Not included	9696070000 (For AIMB series only)	Not included (For AIMB series only)	-
ACP-2320MB-30Z	1757000007	9696070000 (For AIMB series only)	Not included (For AIMB series only)	CE, UL, cUL
ACP-2320MB-40Z	1757000105	9696070000 (For AIMB series only)	Not included (For AIMB series only)	CE, UL, cUL

Optional Accessories

Part Number	Description
SDVD-CDRW	Black slim-type 8x DVD + 24x CD-RW with 40-pin IDE connector
SCD-ROM	Black slim-type CD-ROM kit with slim 24x CD-ROM and 40-pin IDE connector
170060202	Y-cable for PS/2 mouse and keyboard
1750000073	2U-high P4 CPU cooler up to 3.2GHz (89 W)
1750000191	Fan 60 x 60 x 25 mm
1759200650	Fan 80 x 80 x 25 mm
1999000630	Fan filter in front of fan
1990000498	Door filter



The rear view of ACP-2320MB