

ACP-2320MB

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



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 designs to hold two internal 3.5" HDD
- Front-accessible and easy-to-replace air filters
- Lockable front door preventing from any unauthorized access
- Butterfly riser card supporting up to three full-length PCI cards
- 300W/400W ATX PFC power supply



Specifications

		Front-accessible	Internal
Drive Bay	Slim CD-ROM	1	
	3.5"	2 (SATA HDD)	2 (SATA or ATA HDD, depending on the enclosed motherboard)
Cooling	Fan	2 (47 CFM/each)	
	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 interfaces	USB	2 (front-accessible)	
	PS/2	1 (keyboard, front-accessible)	
Miscellaneous	Notification LEDs	PWR, HDD(internal), TEMP, FAN, SATA HDD Power	
	Rear panel	One D-SUB 9-pin opening and one 68-pin SCSI opening	
	Riser card (9696070000)*	Supports up to three PCI add-in 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)	1G rams	2G
	Shock	10G (with 11 ms duration, half sine wave)	30G
	Acoustic Noise	Less than 52dB sound pressure at 5 ~ 28 °C (41 ~ 82 °F)	
Physical	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 17.8")	
Compliance	Weight	10.2 kg (22.5 lb)	
	Safety	CE compliant, UL/cUL approved	

* The riser card is specially designed to support Advantech AIMB-700 series motherboard. There might be compatibility issue with other vendor's motherboards.



The front view of ACP-2320MB

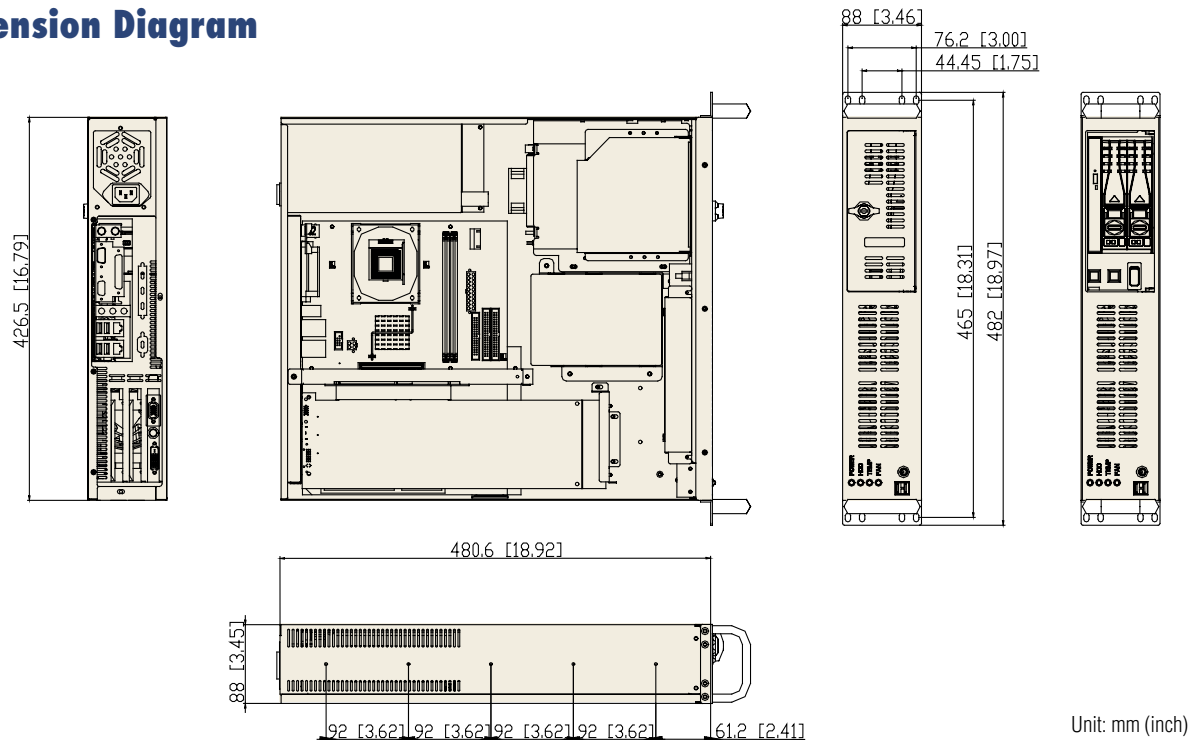


Dual easy-to-maintain
SATA HDD trays



The inside view of ACP-2320MB

Dimension Diagram



Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
1757000105 (ATX, PFC)	400W	AC 100 ~ 240V (Full-range)	+5 V @ 25 A, +3.3 V @ 20A +12 V @ 28 A, -12 V @ 0.2A -5 V @ 0.5 A, +5 Vsb @ 2 A	+5V @ 3A, +12V @ 2A +3.3V @ 1A, +5Vsb @ 0.1A	CE/UL/CSA/TUV/ CB/CCC	97,800 hours @ 25 °C
1757000007 (ATX, PFC)	300 W	AC 100 ~ 240V (Full-range)	+5 V @ 35 A, +3.3 V @ 20A +12 V @ 16 A, -12 V @ 1A -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	CE/UL/CSA/TUV/ CB/CCC	97,800 hours @ 25 °C

Ordering Information

Model Name	With Power Supply	With Riser Card	Mother Board	Regulation
ACP-2320MB-00X	W/O	9696070000 For AIMB series only	W/O For AIMB series only	None
ACP-2320MB-30Z	1757000007	9696070000 For AIMB series only	W/O For AIMB series only	CE/UL/cUL

Accessory Options

Ordering P/N	Descriptions
SDVD-ROM	Slim-type 8x DVD-ROM + 24x CD-R/W with 40-pin IDE connector
SCD-ROM	Slim-type CD-ROM kit with slim 24x CD-ROM and 40-pin IDE connector
1700060202	Y-cable for PS/2 mouse and keyboard
1750000073	P4 CPU cooler up to 3.2GHz
1759200650	Fan 80*80*25 mm
1999000630	Fan filter in front of fan
199902K000	Door filter



The rear view of ACP-2320MB