ACP-2000MB

2U Rackmount Chassis for ATX Motherboard

Features

- Compact 2U-high rackmount chassis supports ATX M/B form factor, ideal building block for business expansion
- System alarm notification by front viewable LED indicators
- Front-accessible USB and PS/2 connectors
- Easy installation disk drive bay to hold one 5.25" drive, one 3.5" FDD and two internal 3.5" HDD
- One riser card supports three full-length PCI cards for expansion
- Supports 300W ATX PFC power supply
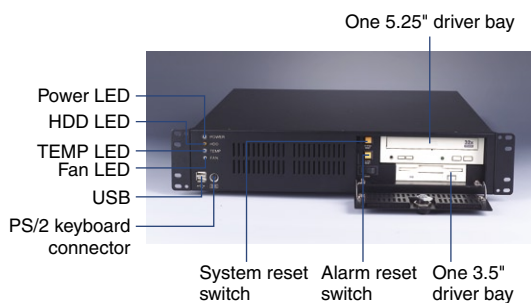- System reset, system alarm reset and system power switch are behind the door

Specifications

		Front-accessible	Internal
Drive Bay	5.25"	1	-
	3.5"	1	2
Cooling	Fan	2 (47 CFM/each)	
	Air Filter	Yes (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	
	Rear panel	Reserved one 9-pin D-SUB bracket and one 68-pin SCSI opening	
	Riser card (9696070000)*	Supports up to three PCI add-in cards	
		Operating	Non-Operating
Environment	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	10G (With 11 ms duration, half sine wave)	30G
	Acoustic Noise	Less than 52 dB sound pressure at 5 ~ 28 °C (41 ~ 82 °F)	
	Altitude	0 to 3048 m (0 ~ 10,000 ft)	
Physical Characteristics	Dimensions (W x H x D)	482 x 88 x 450 mm (19" x 3.46" x 17.7")	
	Weight	12.5 kg (27.5 lb)	

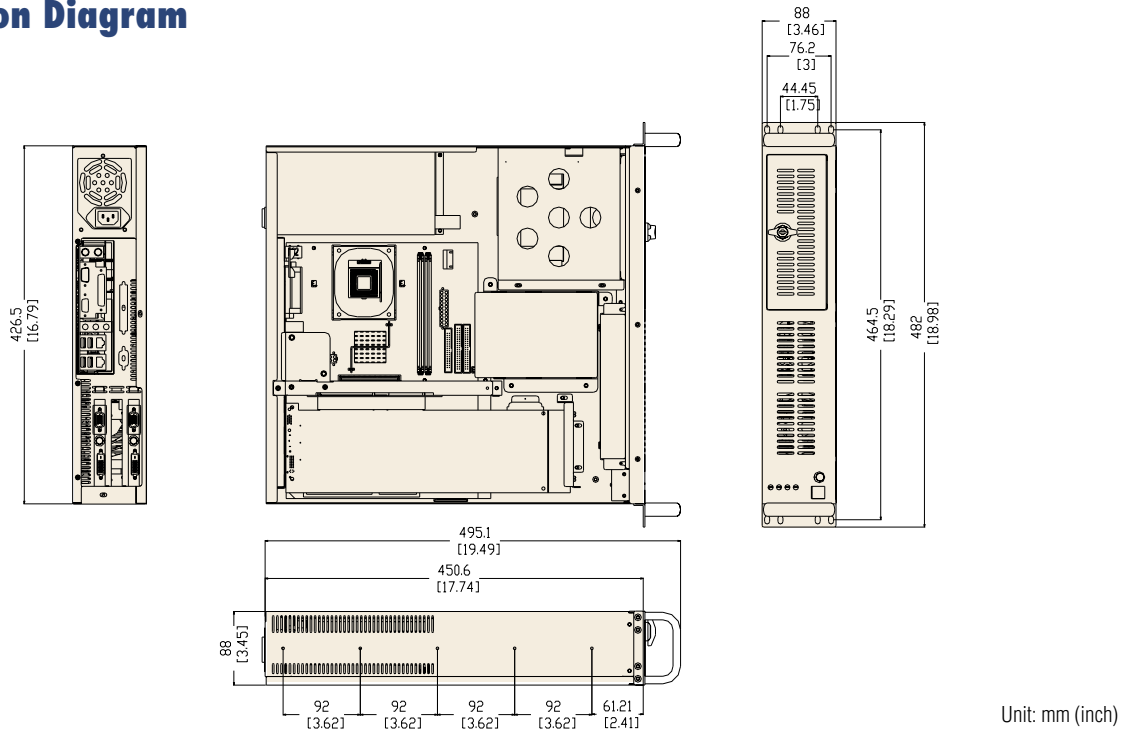*   s motherboards.

One 5.25" driver bay

Power LED
HDD LED
TEMP LED
Fan LED
USB
PS/2 keyboard connector

System reset switch   Alarm reset switch   One 3.5" driver bay

300W ATX PFC P/S & rear panel of motherboard version

Dimension Diagram

Unit: mm (inch)

Industrial Motherboards **1**

Industrial Motherboard Chassis **2**

PICMG Single Board Computers **3**

Industrial Computer Chassis **4**

Industrial Computer Peripherals **5**

6U CompactPCI Enclosures **6**

6U CompactPCI Boards **7**

6U CompactPCI I/O **8**

6U CompactPCI Accessories **9**

3U CompactPCI Systems **10**

Internet Security Platforms **11**

Network Application Ready Platforms **12**

Power Supply Options

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

Ordering Information

Part Number	Power Supply	Riser Card	Motherboard	Regulation
ACP-2000MB-00X	Without power supply but with ATX switch	9696070000 (For AIMB series only)	Not included (For AIMB series only)	-
ACP-2000MB-30Z	1757000007	9696070000 (For AIMB series only)	Not included (For AIMB series only)	CE, UL, cUL

Optional Accessories

Part Number	Description
SDVD-FDD-COMBO	5.25" storage kit with slim 8X DVD, 24X CD-RW and standard 3.5" black FDD
SDVD-COMBO	5.25" storage kit with slim 8X DVD, 24X CD-RW and a 3.5" drive space for FDD or HDD
SCD-FDD-COMBO	5.25" storage kit with slim 24X CD-ROM and standard 3.5" black FDD
SCD COMBO	5.25" storage kit with slim 24X CD-ROM and a 3.5" driver space for FDD or HDD
9684000014	3.5" FDD with Black Bezel
1750000073	2U-high P4 CPU cooler up to 3.2GHz (89 W)
1759200650	FAN 80 x 80 x 25 mm

Motherboard allocation