

# ACP-2000MB

## 2U Rackmount Chassis for ATX Motherboard



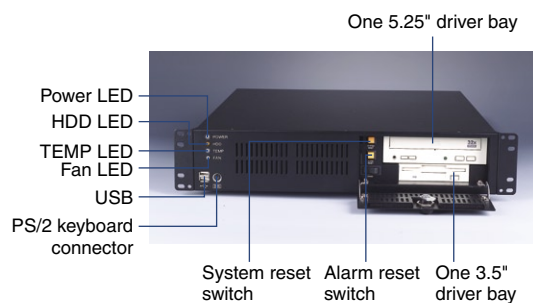
### Features

- 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 300 W ATX PFC power supply
- System reset, system alarm reset and system power switch are behind the door

### Specifications

Drive Bay	5.25"	Front-accessible 1	Internal -
	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	
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 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)	

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

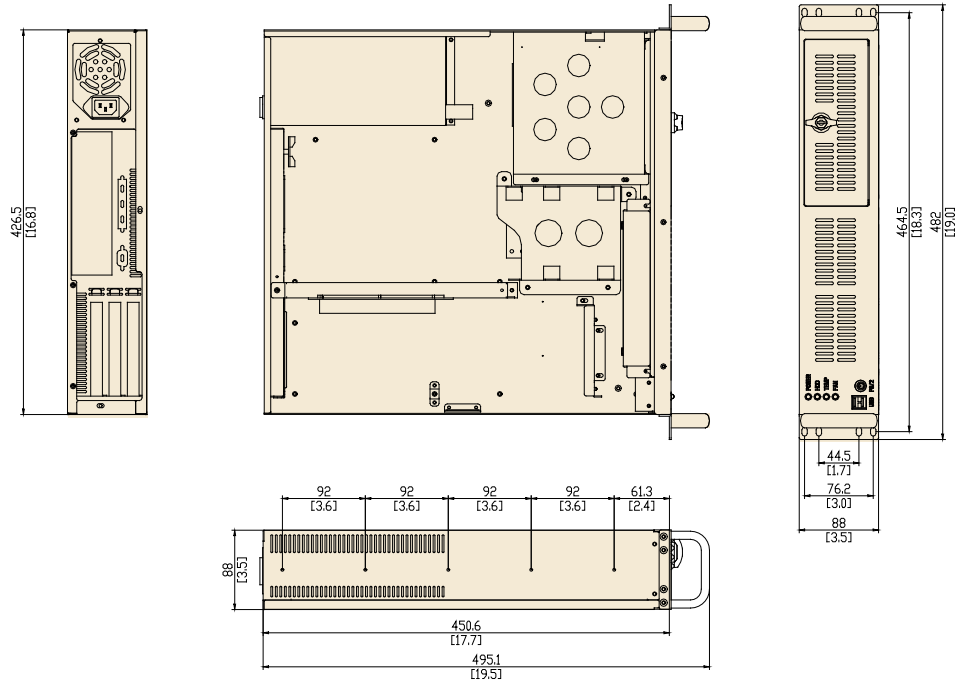


300 W ATX PFC P/S & rear panel of motherboard version



Motherboard allocation

## Dimensions



Unit: mm (inch)

## Power Supply Options

Part Number	Watt	Input	Output	Specifications	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	Mini-load +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

\* ACP-2000MB may support Advantech's AIMB-740, 742, 744 & 750 ATX motherboards only.

## Accessories

Part Number	Description
1750000257	2U-high P4 Socket 478 CPU cooler up to 3.2GHz (89 W)
1759200650	FAN 80 x 80 x 25 mm
1999000630	Fan filter 162 x 54 x 5 mm
199902K000	Door filter
96CD-52X-I-AS-B2	Black 5.25" 52X CD-ROM
96DVR-40X-I-AS-B	Black 5.25" 16X/40X/24X DVDRW-ROM
96FDD-144-TE-B	Black 3.5" FDD
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" drive space for FDD or HDD