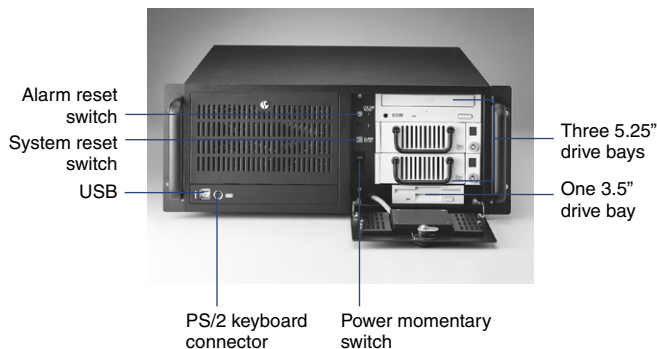# ACP-4000MB

4U Rackmount Chassis for ATX Motherboard

Features

- Front-accessible USB and PS/2 keyboard connectors
- Visible LED indicators and audible alarm notification improves system availability and is easy to maintain
- Compatible with Dialogic computer telephony (CT) boards suitable for a wide range of call processing application
- Advanced cooling system with two system fans, optimally placed, to cool system's key components
- Shock-resistant disk drive bay holds three 5.25" and one 3.5" front-accessible disk drives
- Flexible mechanical design supports 300 W ATX PFC PS/2 power supply and 300 W ATX PFC redundant power supply
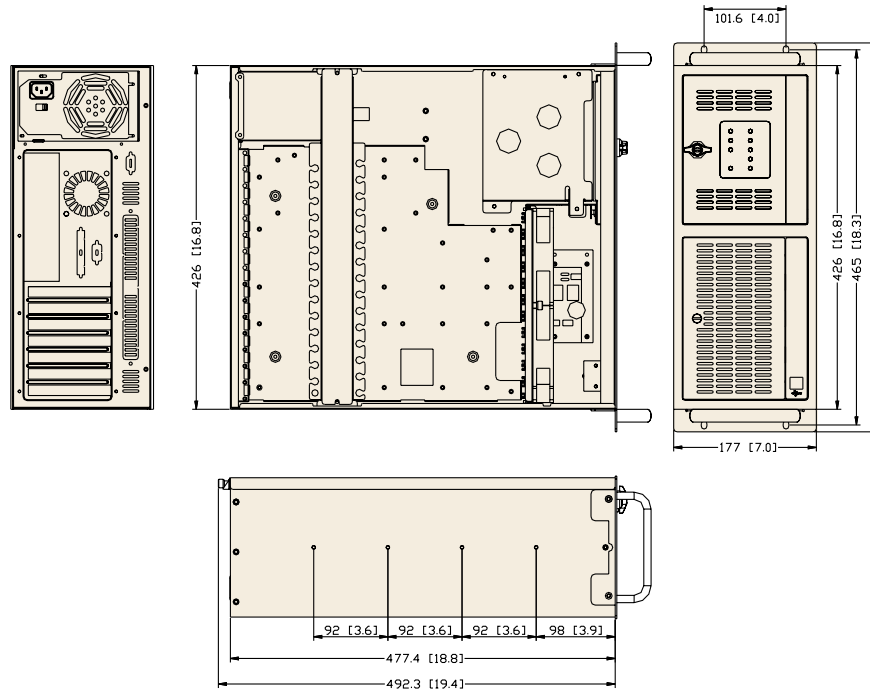
Specifications

		Front-accessible	
Drive Bay	3.5"	1	
	5.25"	3	
Cooling	Fan	2 (85 CFM/each)	
	Air Filter	Yes	
I/O Interface	USB	2 (Front-accessible)	
	PS/2	PS/2 keyboard and mouse, or PS/2 keyboard depends on the enclosed motherboard	
Miscellaneous	Slide Rail	General Device C-300 series supported (Not included)	
		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	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 177 x 480 mm (19" x 7" x 18.9")	
	Weight	17.5 kg (38.5 lb)	

Alarm reset switch
System reset switch
USB
PS/2 keyboard connector
Power momentary switch
Three 5.25" drive bays
One 3.5" drive bay
Two 85-CFM cooling fans

ADVANTECH

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**

Dimension Diagram

Unit: mm (inch)

Power Supply Options

Part Number	Specifications					
	Watt	Input	Output	Mini-load	Safety	MTBF
PS-300ATX-ZB (ATX, PFC)	300 W	AC 100 ~ 240 V (Full-range)	+5 V @ 30 A +3.3 V @ 28 A +12 V @ 15 A -12 V @ 0.8 A -5 V @ 0.3 A +5 Vsb @ 2 A	+5 V @ 0.1 A +3.3 V @ 0.3 A	UL/TUV/CB/CCC	100,000 hours @ 25 °C
RPS-300ATX-Z (ATX, PFC)	300 W	AC 100 ~ 240 V (Full-range)	+5 V @ 25 A +3.3 V @ 18 A +12 V @ 16 A -12 V @ 0.5 A -5 V @ 0.5 A +5 Vsb @ 2 A	+5 V @ 3 A +3.3 V @ 1 A +12 V @ 2 A +5 Vsb @ 0.1 A	UL/TUV/CB/CCC	100,000 hours @ 25 °C

Ordering Information

Part Number	Power Supply	Motherboard	Regulation
ACP-4000MB-00X	Without power supply, with ATX switch	Not included	-
ACP-4000MB-30Z	PS-300ATX-ZB	Not included	UL, cUL, CE
ACP-4000MB-30R	RPS-300ATX-Z	Not included	UL, cUL, CE

Storage Device Options

Part Number	Description
SDVD-FDD-COMBO	5.25" storage kit with slim 8X DVD, 24X CD-RW and standard 3.5" black FDD
SCD-FDD-COMBO	Storage Kit with slim 24X CD-RW and standard 3.5" black FDD
SDVD-COMBO	5.25" storage kit with slim 8X DVD, 24X CD-ROM and a 3.5" driver space for FDD or HDD
SCD COMBO	5.25" compact storage kit with slim 24X CD-ROM and a 3.5" drive bay for FDD or HDD
9684000014	3.5" FDD with black bezel