

ACP-4010

Quiet 4U Rackmount Chassis for ATX/CEB/EEB Motherboard or Full-size SHB/SBC with Dual System Support



Features

- Supports either an ATX/CEB/EEB single/dual processors motherboard or a PICMG backplane with up to 15 slots
- Supports one or two systems in a single chassis
- Shock-resistant disk drive bay design holds up to two 5.25" and two 3.5" disk drives
- LED indicators and alarm notification for system fault detection and network connection
- Low noise system fans with fan speed control
- Built-in Intelligent System Module enables whole system fan control and remote manageability

Quiet

CE FCC RoHS COMPLIANT

Specifications

Drive Bay	5.25"	Front-accessible	Internal
	3.5"		
Cooling	Fan	2 (12 cm /85 CFM each)	
	Air Filter	Yes	
Front I/O Interface	USB	4	
	9-pin D-Sub	2 (Reserved)	
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2	
	Remote Management	Remote monitoring & alarm message ^{Note 1} : CPU/System fan speed, CPU/System temperature, motherboard voltage Remote control ^{Note 2} : Power on/off, iKVM Advanced functions ^{Note 3} : System recovery, system protection	
	Rear Panel	Backplane version: One 9-pin D-Sub opening Motherboard version: Five 9-pin D-Sub and one 68-pin SCSI openings	
Environment	Temperature	Operating: 0 ~ 40° C (32 ~ 104° F) Non-Operating: -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
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 479 mm (19" x 7.0" x 18.9")	
	Weight	16.6 kg (36.5 lb)	

*Installation of all 15 full-size cards will sacrifice the two 3.5" disk drive bays.

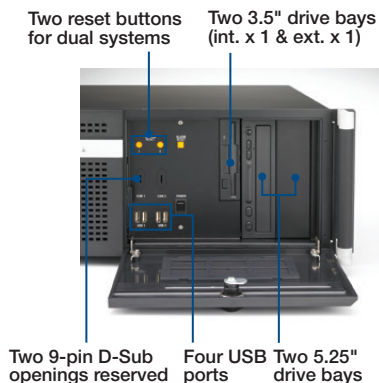
*While an EEB motherboard is installed in the chassis, only one 3.5" and two 5.25" disk drive bays are available.

Note 1: Advantech motherboards with I2C interface H/W monitor and SUSIAccess 2.1.1122 (P/N: 968EMLSAP2) or later version are required to enable full functions.

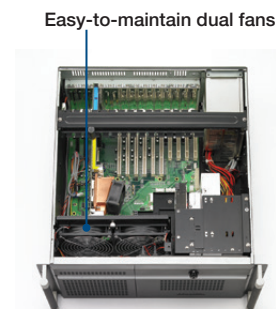
Note 2: Advantech motherboards with iAMT technology and SUSIAccess 2.1.1122 (P/N: 968EMLSAP2) or later version are required to enable full functions.

Note 3: SUSIAccess 2.1.1122 (P/N: 968EMLSAP2) or later version is required to enable these functions.

Front View

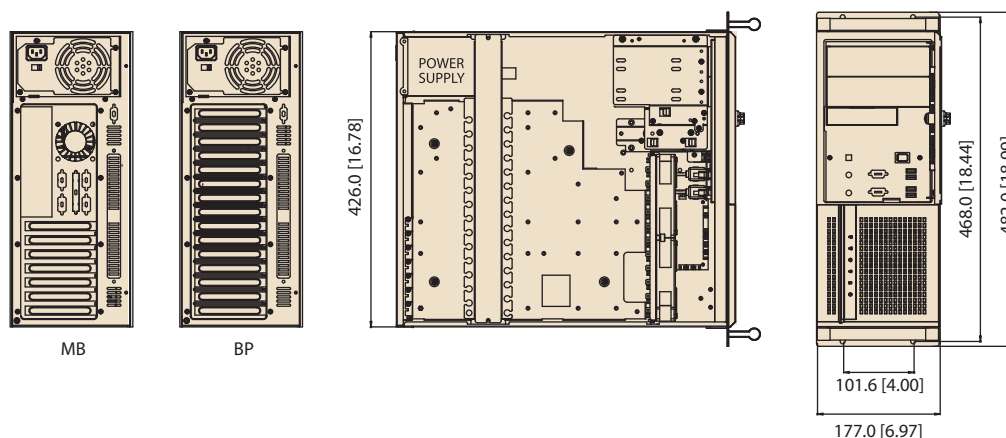


Inside View



Dimensions

Unit: mm [inch]



Ordering Information

Model Name	Power Supply
Backplane Version	
ACP-4010BP-00BE	Without power supply, with ATX switch
Motherboard Version	
ACP-4010MB-00BE	Without power supply, with ATX switch

Optional Accessories

Part Number	Description
IDT-3120E	Mobile rack for converting a 3.5" drive bay to dual 2.5" SATA HDD trays
IDT-5230E	Mobile rack for converting dual 5.25" drive bays to three 3.5" SAS/SATA HDD trays

Power Supply Options

(For detailed power supply specs, please refer to Chapter 13)

Part Number	Specifications	
	Watts	Input
PS8-300ATX-ZBE (ATX, PFC)	300W	AC 100 ~ 240 V (full range)
PS8-400ATX-ZE (ATX, PFC)	400W	AC 100 ~ 240 V (full range)
PS8-700ATX-ZE	700W	AC 100 ~ 240 V (full range)
RPS-300ATX-ZE (ATX, PFC) (1+1 redundant)	300W	AC 100 ~ 240 V (full range)
1757004393-01 (ATX, PFC) (1+1 redundant)	500W	AC 100 ~ 240 V (full range)
1757004588-01 (ATX, PFC) (1+1 redundant)	750W	AC 100 ~ 240 V (full range)

Spare Parts

Part Number	Description
1990001299	Fan filter 95 x 130 mm
1990001298	Door filter 150 x 68 mm