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
- Low noise system fans
- Built-in Intelligent System Module enables whole system fan control and remote manageability

Quiet

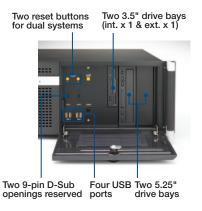
CEFCC ROHS

Specifications

		External	Internal	
Drive Bay	5.25"	2	-	
	3.5"	1	1	
Cooling	Fan	2 (12 cm /85 CFM each)		
	Air Filter	Yes		
Front I/O Interface	USB 2.0	4		
	9-pin D-Sub	2 (Reserved)		
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2		
	Rear Panel	Backplane version: One 9-pin D-Sub opening		
	Motherboard version: Five 9-pin D-Sub and one 68-pin SCSI openings			
Intelligent System Module	CPU/System fan speed , CPU/System temperature , motherboard voltage			
Remote Monitoring	(Only selected Advantech MBs/CPU cards with SUSIAccess installed can fully enable these functions, check with Advantech local rep. for detailed information.)			
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	
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.

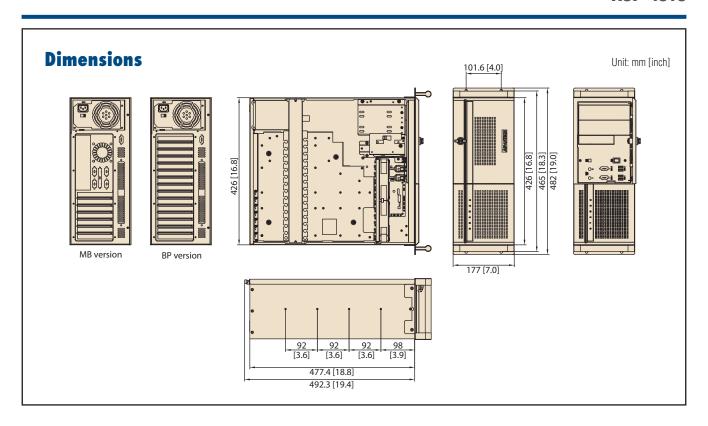
Front View



Inside View



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



Ordering Information

Model Name	Description	
Backplane Version		
ACP-4010BP-00BE	Without PSU with ATX switch	
Motherboard Version		
ACP-4010MB-00BE	Without PSU with ATX switch	

Power Supply Options

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

Part Number	80 Plus Grade	Wattage	Туре	Input
PS8-300ATX-ZBE	Bronze	300W	Single	AC 100 ~ 240 V (full range)
PS8-400ATX-ZE	Bronze	400W	Single	AC 100 ~ 240 V (full range)
PS8-700ATX-ZE	Bronze	700W	Single	AC 100 ~ 240 V (full range)
RPS8-350ATX-XE	Gold	350W	1+1 Redundant	AC 100 ~ 240 V (full range)
RPS8-500ATX-XE	Bronze	500W	1+1 Redundant	AC 100 ~ 240 V (full range)
RPS8-750ATX-XE	Gold	750W	1+1 Redundant	AC 100 ~ 240 V (full range)

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

Spare Parts

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