

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 Specifications

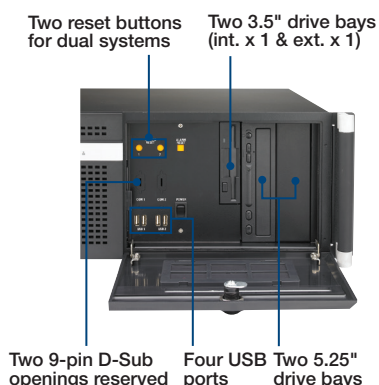
CE FCC

Drive Bay		External	Internal
	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 25-pin D-sub openings	
Intelligent System Module Remote Monitoring	CPU/System fan speed , CPU/System temperature , motherboard voltage (Only selected Advantech MBs/CPU cards with WISE-PaaS/RMM 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)	
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.

Front View

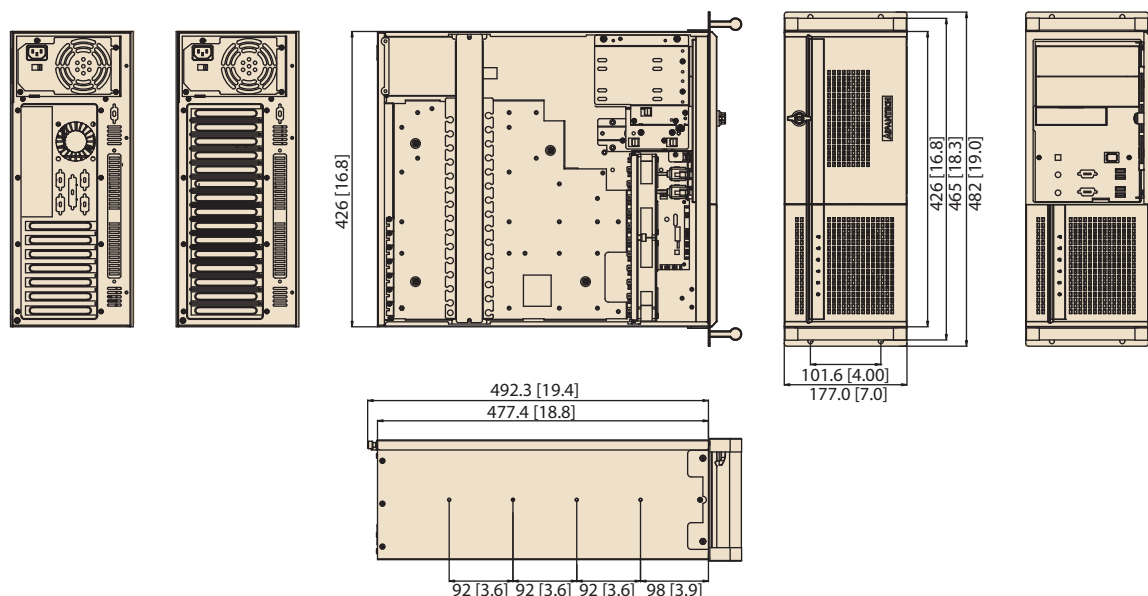


Inside View



Dimensions

Unit: mm [inch]



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	Type	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)
PS8-500ATX-ZE	Bronze	500W	Single	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
IPC-DT-3120E	Mobile rack for converting a 3.5" drive bay to dual 2.5" SATA HDD trays
IPC-DT-5230E	Mobile rack for converting dual 5.25" drive bays to three 3.5" SATA HDD trays
1700029268-01	Power cable for GPU card (Two 4-pin 12V connectors to one 6+2 pins PCIe power connector)
1700024754-01	Power cable for GPU card (Two B4P Molex connectors to one 6+2 pins PCIe power connector)

* If GPU card with 2 power connectors, please use 1700029268-01*1 + 1700024754-01*1; If GPU card with 1 power connector, please use 1700029268-01.

* Only 500W or higher wattage PSU support 1700029268-01 and 1700024754-01 for high-end GPU card.

Spare Parts

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

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