

# ACP-4010

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



### Features

- Supports either an ATX/uATX 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

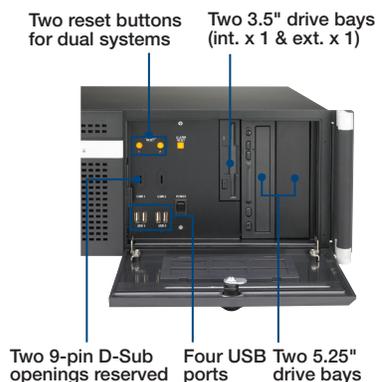
### Quiet Specifications

CE FCC

		External	Internal
Drive Bay	5.25"	2	-
	3.5"	1	1
Cooling	Fan	2 (12 cm /82 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 Hardware Monitoring	CPU/System fan speed , CPU/System temperature (Only Advantech AIMB-78X, PCE-51XX/71XX mainboards can enable CPU fan speed and temperature monitoring function of Intelligent System Module)		
Environment	Temperature	Operating 0 ~ 40 °C (32 ~ 104 °F)	Non-Operating -20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	10 ~ 85% @ 40 °C, non-condensing	
	Vibration (5 ~ 500 Hz)	1 Grms	2 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

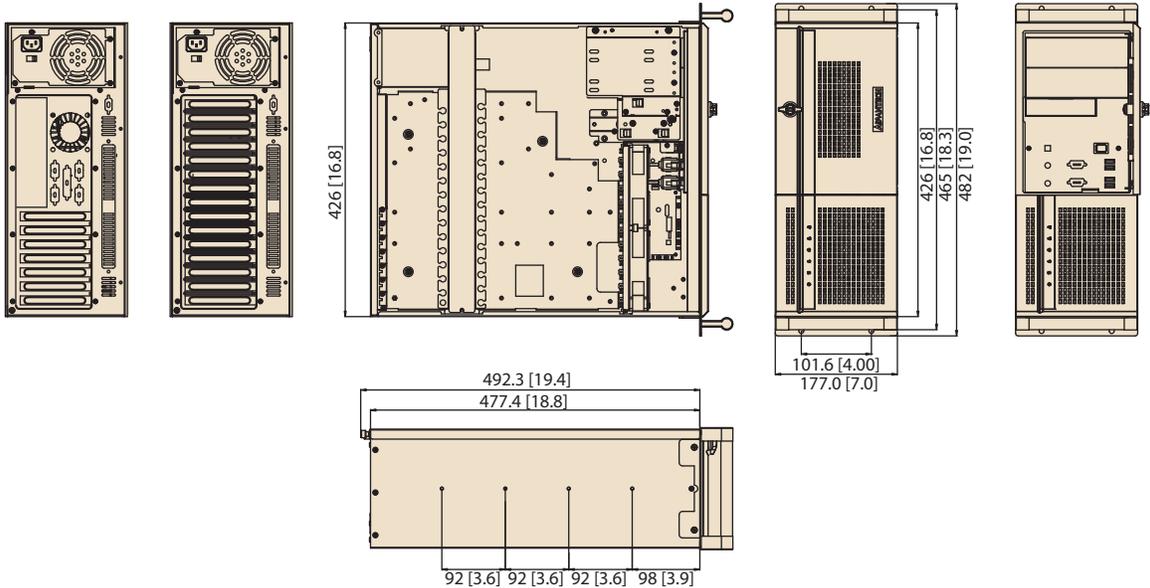


### Inside View



**Dimensions**

Unit: mm [inch]



**Ordering Information**

Model Name	Description
<b>Backplane Version</b>	
ACP-4010BP-00C	Without PSU with ATX switch
<b>Motherboard Version</b>	
ACP-4010MB-00C	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
PS8-500ATX-BB	Bronze	500W	Single	AC 100 ~ 240 V (full range)
RPS8-500ATX-GB	Gold	500W	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