ACP-4010

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

Supports either an ATX/CEB/EEB single/dual processors motherboard or a

Shock-resistant disk drive bay design holds up to two 5.25" and two 3.5" disk

Built-in Intelligent System Module enables whole system fan control and

· LED indicators and alarm notification for system fault detection



Quiet Specifications

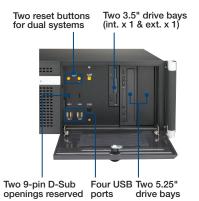
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External Internal Drive Bay 5.25" 2 3.5" 2 (12 cm /85 CFM each) Fan Cooling Air Filter Yes USB 2.0 4 Front I/O Interface 9-pin D-Sub 2 (Reserved) LED Indicators Power, HDD, temperature, fan, LAN1, and LAN2 Backplane version: One 9-pin D-Sub opening Miscellaneous Rear Panel Motherboard version: Five 9-pin D-Sub and one 25-pin D-sub openings CPU/System fan speed , CPU/System temperature , motherboard voltage Intelligent System Module (Only selected Advantech MBs/CPU cards with WISE-PaaS/RMM installed can fully enable these functions, check with Advantech local rep. for Remote Monitoring detailed information.) Operating Non-Operating Temperature 0~40 °C (32~104 °F) -20 ~ 60 °C (-4 ~ 140 °F) 10 ~ 95% @ 40 °C, non-condensing Environment Humidity 10 ~ 85% @ 40 °C, non-condensing Vibration (5 ~ 500 Hz) 2 G 1 Grms Shock 10 G (with 11 ms duration, half sine wave) Dimensions (W x H x D) 482 x 177 x 479 mm (19" x 7.0" x 18.9") Physical Characteristics 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

Features

drives

Low noise system fans

remote manageability

PICMG backplane with up to 15 slotsSupports one or two systems in a single chassis

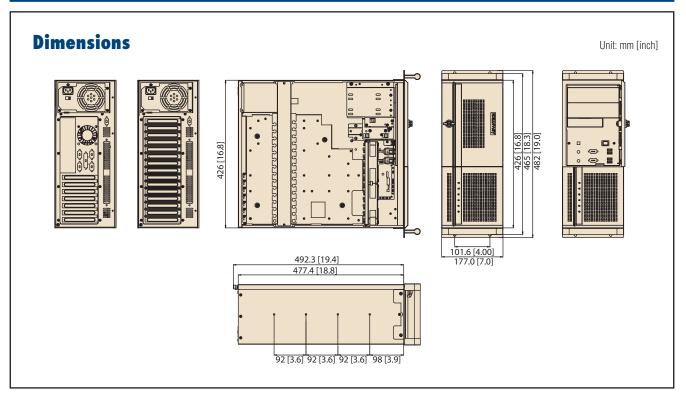
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Easy-to-maintain dual fans



Industrial Chassis

ACP-4010



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)
PS8-500ATX-ZE	Bronze	500W	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
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

Spare Parts

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

