

ACP-2000/ IPC-602

2U 6-Slot Rackmount Chassis with Front USB and PS/2 Interfaces



PICMG 1.0

PICMG 1.3

Features

- 2U rackmount chassis supports up to 6 cards
- Butterfly backplane design
- Front-accessible USB and PS/2 connectors
- 250 W / 300 W AC ATX and DC power supply options
- Two 40 CFM cooling fans with air filter
- Lockable front door prevents unauthorized access
- System alarm notification by front LED indicators (ACP-2000 only)

CE FCC RoHS
COMPLIANT PRODUCT

Specifications

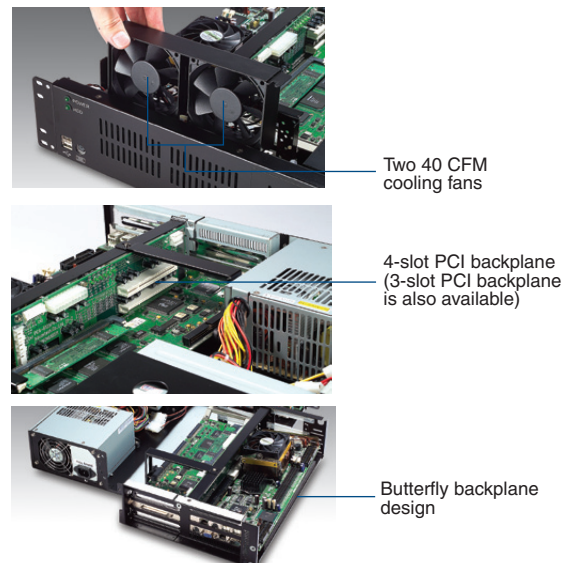
| | | | |
|--------------------------|-------------------------|---------------------------------------------------------------|----------------------------------|
| Drive Bay | Slim Optical Disk Drive | Front-accessible | Internal |
| | 3.5" | 1/- | - |
| | 5.25" | 2/1 | -/1 |
| Cooling | Fan | 2 (8 cm / 47 CFM each) / 2 (8 cm / 40 CFM each) | |
| | Air Filter | Yes | |
| | Front I/O Interface | USB | 2 |
| Miscellaneous | PS/2 | 1 | |
| | LED Indicators | Power and HDD activity; fan and temperature for ACP-2000 only | |
| Environment | Rear Panel | One 9-pin D-Sub opening | |
| | Temperature | Operating | Non-Operating |
| | | 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) | 0.5 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 88 x 451 mm (19" x 3.5" x 17.8") | |
| | Weight | 11.5 kg (25.3 lb) / 11.3 kg (24.9 lb) | |

Front View

IPC-602



Inside View



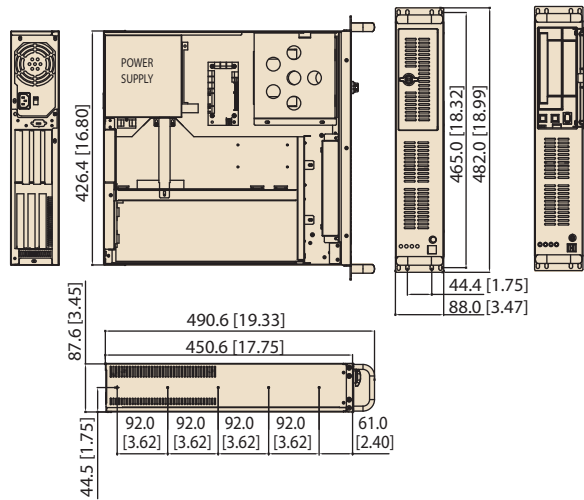
ACP-2000



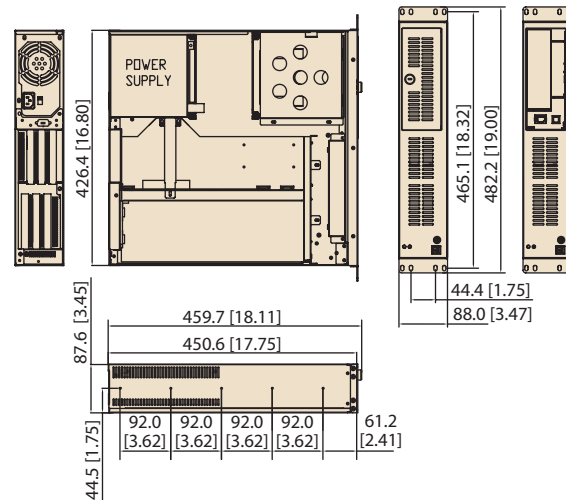
Dimensions

Unit: mm [inch]

ACP-2000



IPC-602



Ordering Information

| Part Number | Power Supply | Backplane |
|------------------|---------------------------------------|---------------------------|
| PICMG 1.0 | | |
| ACP-2000P3-00XE | Without power supply, with ATX switch | 989K610622E (PCA-6106P3V) |
| ACP-2000P4-00XE | Without power supply, with ATX switch | 989K610512E (PCA-6105P4V) |
| IPC-602P3-00XBE | Without power supply, with ATX switch | 989K610622E (PCA-6106P3V) |
| IPC-602P4-00XBE | Without power supply, with ATX switch | 989K610512E (PCA-6105P4V) |
| PICMG 1.3 | | |
| ACP-2000EBP-00XE | Without power supply, with ATX switch | - |
| IPC-602EBP-00XBE | Without power supply, with ATX switch | - |

Power Supply Options

(For detailed power supply specs, please refer to Chapter 6)

| Part Number | Watts | Specifications Input |
|---------------------------------------------------------|-------|-----------------------------|
| PS-250ATX-ZE (ATX, PFC) (IPC-602 only) | 250 W | AC 115/230 V (selectable) |
| PS8-300ATX-ZBE (ATX, PFC) | 300 W | AC 100 ~ 240 V (full range) |
| PS8-400ATX-ZE (ATX, PFC) | 400 W | AC 100 ~ 240 V (full range) |
| PS-300ATX-DC48E (ATX) | 300 W | DC -48 V |
| RPS-300ATX-ZE (ATX, PFC) (1+1 redundant, ACP-2000 only) | 300 W | AC 100 ~ 240 V (full range) |

Optional Accessories

| Part Number | Description |
|----------------|-------------------------------------------------------------------------|
| 2130006189S000 | Door filter 156 x 45 x 5 mm |
| 1990001949 | Fan filter 165 x 58 mm |
| 1950000868T00B | P3 and X3 card cage |
| 1950000869N002 | P4 card cage |
| 1700011772 | SATA power wire 6-pin to big 4-pin (for slim ODD) |
| IDT-3120E | Mobile rack for converting a 3.5" drive bay to dual 2.5" SATA HDD trays |