

IPC-610-H

4U 14-slot Rackmount Chassis with Front-accessible USB/PS2 Connectors

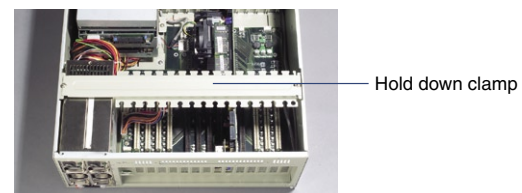
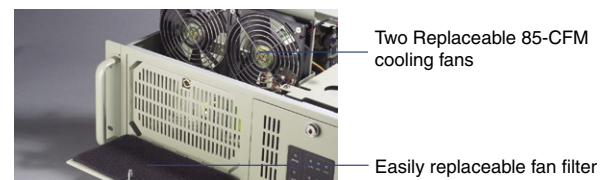


Features

- 4U-high rackmountable chassis supports up to 14 cards
- Shock-resistant disk drive bay design holds up to three 5.25" and one 3.5" disk drives
- Front accessible USB & PS/2 interfaces for easy data transferring
- Dual front-accessible filtered cooling fans provide optimal, streamlined airflow
- Special hold-down clamp design with rubber cushions protects the cards from harsh environments and any unexpected shocks
- Visible power status and HDD activity notification improves system availability
- User-friendly and front-accessible filter for easy system maintenance
- Lockable front door prevents unauthorized access
- Flexible mechanical design supports both 300 W single PS/2 and redundant ATX power supply

Specifications

| | | | |
|--------------------------|------------------------|---|--|
| Drive Bay | 3.5" | 1 | Front-accessible |
| | 5.25" | 3 | |
| Cooling | Fan | 2 (85 CFM /each) | |
| | Air Filter | Yes | |
| I/O Interface | USB | 2 | |
| | PS/2 | PS/2 Keyboard & mouse, or PS/2 keyboard only, depending on the enclosed CPU board | |
| Miscellaneous | Slide Rail | General Devices (http://www.generaldevices.com/) C-300 series supported (not included) | |
| | Indicators | Power & HDD activity | |
| | Rear Panel | D-SUB 9-pin and 25-pin openings | |
| Environment | Temperature | Operating: 0 ~ 40 °C (32 ~ 104 °F) | Non-Operating: -20 ~ 60 °C (-4 ~ 140 °F) |
| | Humidity | 10 ~ 85 % @ 40 °C, non-condensing | 10 ~ 95 % @ 40 °C, non-condensing |
| | Vibration (5-500 Hz) | 10 G (With 11 msec duration, 1/2 sine wave) | 2 G |
| | Shock | 1 Grms | 30 G |
| | Acoustic Noise | Less than 52 dB sound pressure at 5 ~ 28 °C (41 ~ 82 °F) | |
| | Altitude | 0 to 3,048 m (0 ~ 10,000 ft) | |
| Physical Characteristics | Dimensions (W x H x D) | 482 x 177 x 480 mm (19" x 7" x 18.9") | |
| | Weight | 14.0 kg (30.8 lb) | |



Authorised Distributor

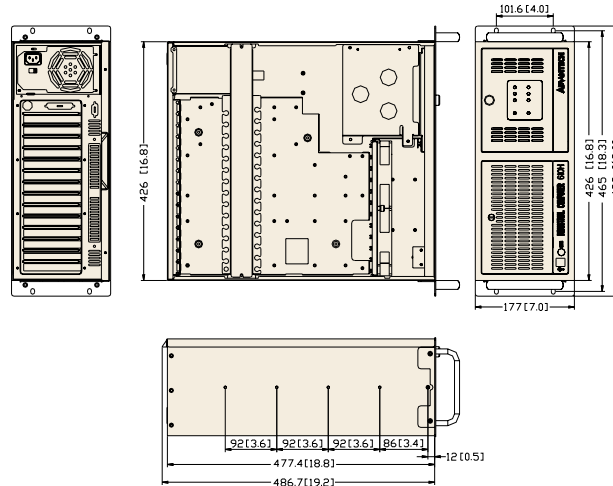
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Dimension Diagram



- Industrial Motherboards 1
- Industrial Motherboard Chassis 2
- PICMG Single Board Computers 3
- Industrial Computer Chassis 4
- Industrial Computer Peripherals 5
- 6U CompactPCI Enclosures 6
- 6U CompactPCI Boards 7
- 6U CompactPCI I/O 8
- 6U CompactPCI Accessories 9
- 3U CompactPCI Systems 10
- Internet Security Platforms 11
- Network Application Ready Platforms 12

Power Supply Options

| Part Number | Watt | Input | Specifications | | | |
|-------------------------|-------|-----------------------------|---|---|---------------|-----------------------|
| | | | Output | Mini-load | Safety | MTBF |
| PS-250ATX-Z (ATX, PFC) | 250 W | AC 115 / 230 V (Selectable) | +5 V @ 27 A +3.3 V @ 20 A +12 V @ 13 A -12 V @ 0.8 A -5 V @ 0.3 A +5 Vsb @ 2 A | +5 V @ 0.5 A +12 V @ 1 A +3.3 V @ 0.3 A | UL/TUV/CB/CCC | 100,000 hours @ 25 °C |
| PS-300ATX-ZB (ATX, PFC) | 300 W | AC 100 ~ 240 V (Full-range) | +5 V @ 30 A +3.3 V @ 28 A +12 V @ 15 A -12 V @ 0.3 A -5 V @ 0.3 A +5 Vsb @ 2 A | +5 V @ 0.1 A +3.3 V @ 0.3 A | UL/TUV/CB/CCC | 100,000 hours @ 25 °C |
| RPS-300ATX-Z (ATX, PFC) | 300 W | AC 100 ~ 240 V (Full-range) | +5 V @ 25 A +3.3 V @ 18 A +12 V @ 16 A -12 V @ 0.5 A -5 V @ 0.5 A +5 Vsb @ 2 A | +5 V @ 3 A +3.3 V @ 1 A +12 V @ 2 A | UL/TUV/CB/CCC | 100,000 hours @ 25 °C |

Passive Backplane Options

| Part Number | Slot | Segment |
|-----------------|--|---------|
| PCA-6114-OB1 | 14 ISA | Single |
| PCA-6114P4-C | 8 ISA, 4 PCI, 2 PICMG | Single |
| PCA-6114P7-OD2 | 4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA | Single |
| PCA-6114P10-B | 2 ISA, 10 PCI, 2 PICMG | Single |
| PCA-6113P4R-OC1 | 7 ISA, 4 PCI, 2 PICMG | Single |
| PCA-6114P12-OB2 | 1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG | Single |
| PCA-6113P7X | 4 ISA, 7 PCI(64-bit), 2 PICMG | Single |
| PCA-6114P12X-A1 | 1 ISA, 11 PCI I (64-bit), 1 PICMG/PCI, 1 PICMG | Single |
| PCA-6113DP4-0A1 | 2 ISA, 7 PCI, 3 PICMG, 1 PICMG/PCI | Dual |



Rear panel of backplane with redundant power supply

Ordering Information

| Part Number | Power Supply | Backplane | Regulation |
|----------------|---------------------------------------|-----------|-------------|
| IPC-610BP-00XH | Without power supply, with ATX switch | - | None |
| IPC-610BP-25ZH | PS-250ATX-Z | - | UL, cUL, CE |
| IPC-610BP-30ZH | PS-300ATX-ZB | - | UL, cUL, CE |
| IPC-610BP-30RH | RPS-300ATX-Z | - | UL, cUL, CE |

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