

IPC-630

New Generation 4U 15-Slot Rackmount Chassis



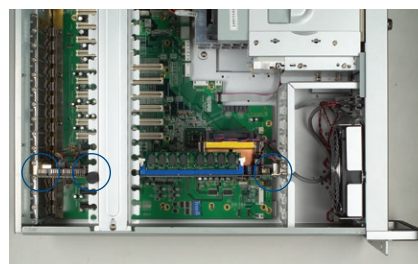
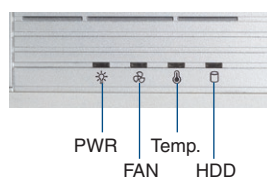
Features

- Supports either an ATX/MicroATX motherboard or a backplane up to 15 slots
- Shock-resistant drive bay design supports up to three 5.25" and two 3.5" (one external & one internal) disk drives
- Front indicators for alarm notification of redundant power supply, HDD activity, system fan & in-chassis temperature
- Reusable, front-accessible fan filters for easy maintenance
- Supports front USB interface
- Lockable front door prevents unauthorized access
- Versatile power supply options from single PS/2 300 W / 400 W to redundant 300 W / 400 W power supplies



Specifications

| | | | | |
|--------------------------|------------------------|------------------|--|----------|
| Drive Bay | 5.25" | Front-accessible | 3 | Internal |
| | 3.5" | | 1 | 1 |
| Cooling | Fan | | 1 (12 cm /85 CFM) | |
| | Air Filter | | Yes | |
| Front I/O Interface | USB | | 2 | |
| | 9-pin D-Sub | | 1 (Reserved) | |
| Miscellaneous | LED Indicators | | Power, HDD, fan and temperature | |
| | Rear Panel | | Backplane version: One D-Sub 9-pin opening Motherboard version: Five D-Sub 9-pin & one 68-pin SCSI openings | |
| Environment | Temperature | Operating | Non-Operating | |
| | | | 0 ~ 40° C (32 ~ 104° F) | |
| | Humidity | | -20 ~ 60° C (-4 ~ 140° F) | |
| | | | 10 ~ 85 % @ 40° C, non-condensing | |
| | Vibration (5 ~ 500 Hz) | | 10 ~ 95 % @ 40° C, non-condensing | |
| Physical Characteristics | | | 1 Grms | 2 G |
| | | | 10 G (with 11 ms duration, half sine wave) | 30 G |
| | Shock | | | |
| Physical Characteristics | Dimensions (W x H x D) | | IPC-630BP: 482 x 177 x 452 mm (19" x 7" x 17.8") IPC-630MB: 482 x 177 x 502 mm (19" x 7" x 19.8") | |
| | Weight | | 18.0 kg (39.6 lb) | |



Enhanced anti-vibration mechanical design for full-size CPU card

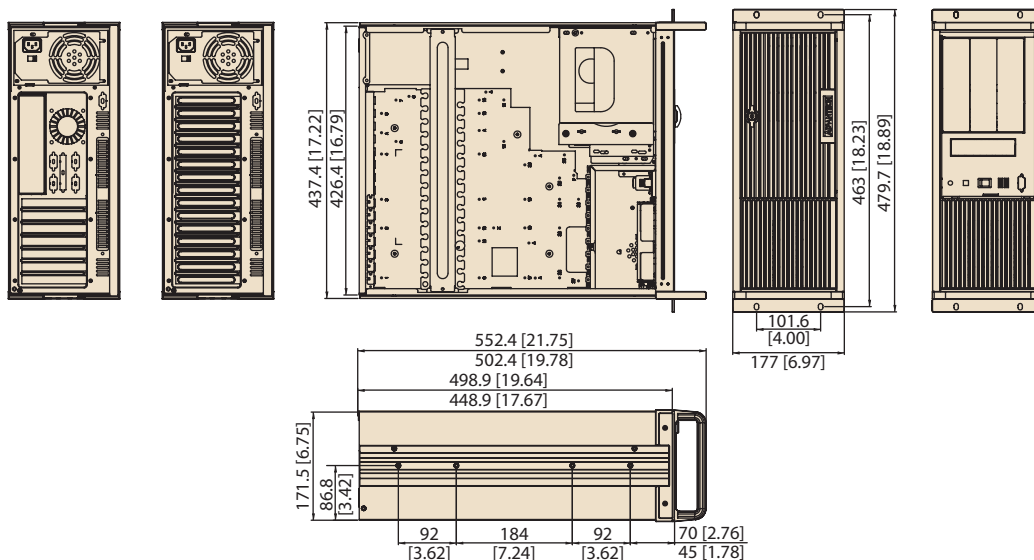
Easy-to-replace system fan design



Reusable and easy-to-maintain fan filters

Dimensions

Unit: mm (inch)



Power Supply Options

| Part Number | Watts | Input | Output | Specifications | | |
|--------------------------|-------|-----------------------------|---|--|-------------------|---------------------|
| | | | | Mini-load | Safety | MTBF |
| PS-300ATX-ZBE (ATX, PFC) | 300 W | AC 100 ~ 240 V (full range) | +5 V @ 30 A, +3.3 V @ 28 A, +12 V @ 15 A, -5 V @ 0.3 A, -12 V @ 0.8 A, +5 Vsb @ 2 A | +5 V @ 0.1 A, +12 V @ 0.5 A | UL/cUL/TUV/CB/CCC | 100,000 hrs @ 25° C |
| PS-400ATX-ZBE (ATX, PFC) | 400 W | AC 100 ~ 240 V (full range) | +5 V @ 35 A, +3.3 V @ 28 A +12 V @ 30 A, -5 V @ 0.5 A -12 V @ 0.8 A, +5 Vsb @ 2 A | +5 V @ 3 A, +12 V @ 1 A, +5 Vsb @ 0.1 A | UL/cUL/TUV/CB/CCC | 91,000 hrs @ 25° C |
| RPS-300ATX-ZE (ATX, PFC) | 300 W | AC 100 ~ 240 V (full range) | +5 V @ 25 A, +3.3 V @ 18 A +12 V @ 16 A, -5 V @ 0.5 A -12 V @ 0.5 A, +5 Vsb @ 2 A | +5 V @ 3 A, +3.3 V @ 1 A +12 V @ 2 A, +5 Vsb @ 0.1 A | UL/cUL/TUV/CB/CCC | 100,000 hrs @ 25° C |
| RPS-400ATX-ZE (ATX, PFC) | 400 W | AC 100 ~ 240 V (full range) | +5 V @ 35 A, +3.3 V @ 25 A +12 V @ 28 A, -5 V @ 0.5 A -12 V @ 1.2 A, +5 Vsb @ 2 A | +5 V @ 3 A, +3.3 V @ 1 A +12 V @ 2 A, +5 Vsb @ 0.1 A | UL/cUL/TUV/CB/CCC | 100,000 hrs @ 25° C |

Accessories

| Part Number | Description |
|-----------------|-------------------------|
| 1990001298 | Door filter 150 x 80 mm |
| 1990001299 | Fan filter 130 x 95 mm |
| 1960008140T10G | Embedded handle |
| 96DVR-20X-I-SN1 | Beige IDE 20X DVD+/-RW |

Ordering Information

| Part Number | Power Supply | Motherboard/Backplane | Regulation |
|----------------------------|---------------------------------------|-----------------------|------------|
| Backplane Version | | | |
| IPC-630BP-00XE | Without power supply, with ATX switch | - | - |
| IPC-630BP-30ZE | PS-300ATX-ZBE | - | CE |
| Motherboard Version | | | |
| IPC-630MB-00XE | Without power supply, with ATX switch | - | - |
| IPC-630MB-30ZE | PS-300ATX-ZBE | - | CE |