

# IPC-630

## New Generation 4U 15-Slot Rackmount Chassis



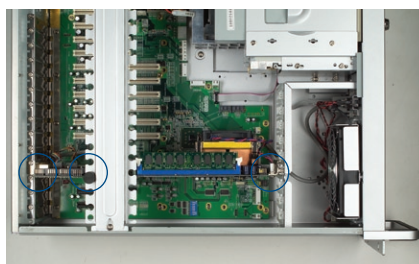
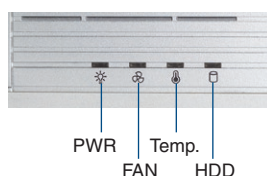
### Features

- 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

|                          |                        | Front-accessible |                                                                                                                | Internal |                                   |
|--------------------------|------------------------|------------------|----------------------------------------------------------------------------------------------------------------|----------|-----------------------------------|
|                          |                        |                  |                                                                                                                |          |                                   |
| Drive Bay                | 5.25"                  |                  | 3                                                                                                              |          |                                   |
|                          | 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<br>Motherboard version: Five D-Sub 9-pin & one 68-pin SCSI openings |          |                                   |
| Environment              |                        |                  | Operating                                                                                                      |          | Non-Operating                     |
|                          | Temperature            |                  | 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) |                  | 1 Grms                                                                                                         |          | 2 G                               |
|                          | Shock                  |                  | 10 G (with 11 ms duration, half sine wave)                                                                     |          | 30 G                              |
| Physical Characteristics | Dimensions (W x H x D) |                  | IPC-630BP: 482 x 177 x 452 mm (19" x 7" x 17.8")<br>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

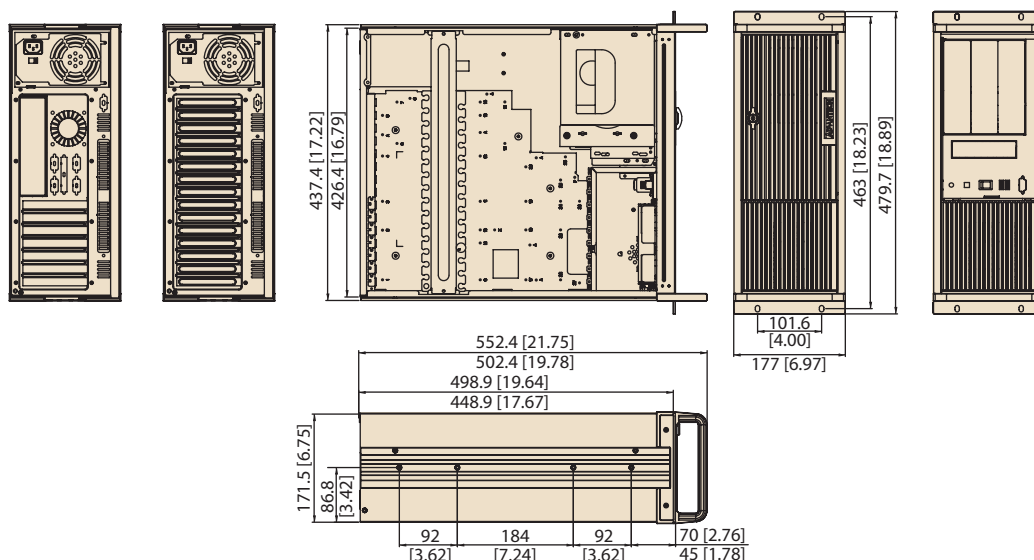
Easy-to-replace system fan design



Reusable and easy-to-maintain fan filters

## Dimensions

Unit: mm (inch)



## Power Supply Options

| Part Number                 | Watts | Input                          | Output                                                                                    | Specifications                                          | Safety            | MTBF                |
|-----------------------------|-------|--------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------|---------------------|
|                             |       |                                |                                                                                           | Mini-load                                               |                   |                     |
| PS-300ATX-ZBE<br>(ATX, PFC) | 300 W | AC 100 ~ 240 V<br>(full range) | +5 V @ 30 A, +3.3 V @ 28 A,<br>+12 V @ 15 A, -5 V @ 0.3 A,<br>-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<br>(ATX, PFC) | 400 W | AC 100 ~ 240 V<br>(full range) | +5 V @ 35 A, +3.3 V @ 28 A<br>+12 V @ 30 A, -5 V @ 0.5 A<br>-12 V @ 0.8 A, +5 Vsb @ 2 A   | +5 V @ 3 A, +12 V @ 1 A,<br>+5 Vsb @ 0.1 A              | UL/cUL/TUV/CB/CCC | 91,000 hrs @ 25° C  |
| RPS-300ATX-ZE<br>(ATX, PFC) | 300 W | AC 100 ~ 240 V<br>(full range) | +5 V @ 25 A, +3.3 V @ 18 A<br>+12 V @ 16 A, -5 V @ 0.5 A<br>-12 V @ 0.5 A, +5 Vsb @ 2 A   | +5 V @ 3 A, +3.3 V @ 1 A<br>+12 V @ 2 A, +5 Vsb @ 0.1 A | UL/cUL/TUV/CB/CCC | 100,000 hrs @ 25° C |
| RPS-400ATX-ZE<br>(ATX, PFC) | 400 W | AC 100 ~ 240 V<br>(full range) | +5 V @ 35 A, +3.3 V @ 25 A<br>+12 V @ 28 A, -5 V @ 0.5 A<br>-12 V @ 1.2 A, +5 Vsb @ 2 A   | +5 V @ 3 A, +3.3 V @ 1 A<br>+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/<br>Backplane | Regulation |
|----------------------------|------------------------------------------|---------------------------|------------|
| <b>Backplane Version</b>   |                                          |                           |            |
| IPC-630BP-00XE             | Without power supply,<br>with ATX switch | -                         | -          |
| IPC-630BP-30ZE             | PS-300ATX-ZBE                            | -                         | CE         |
| <b>Motherboard Version</b> |                                          |                           |            |
| IPC-630MB-00XE             | Without power supply,<br>with ATX switch | -                         | -          |
| IPC-630MB-30ZE             | PS-300ATX-ZBE                            | -                         | CE         |