

# IPC-610MB-L

## 4U Rackmount Chassis for ATX Motherboard

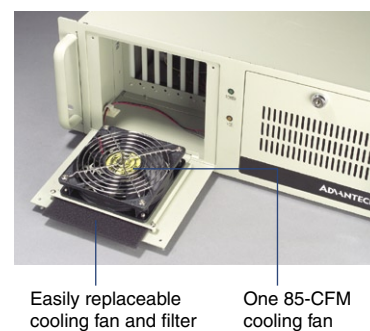
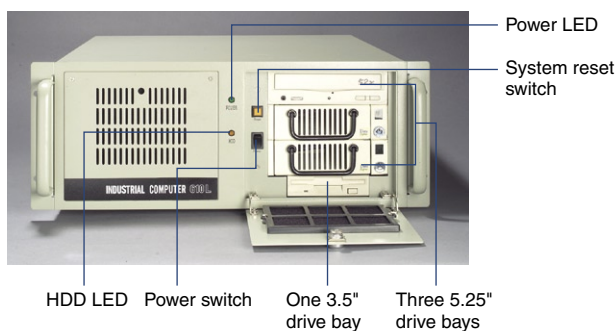


### Features

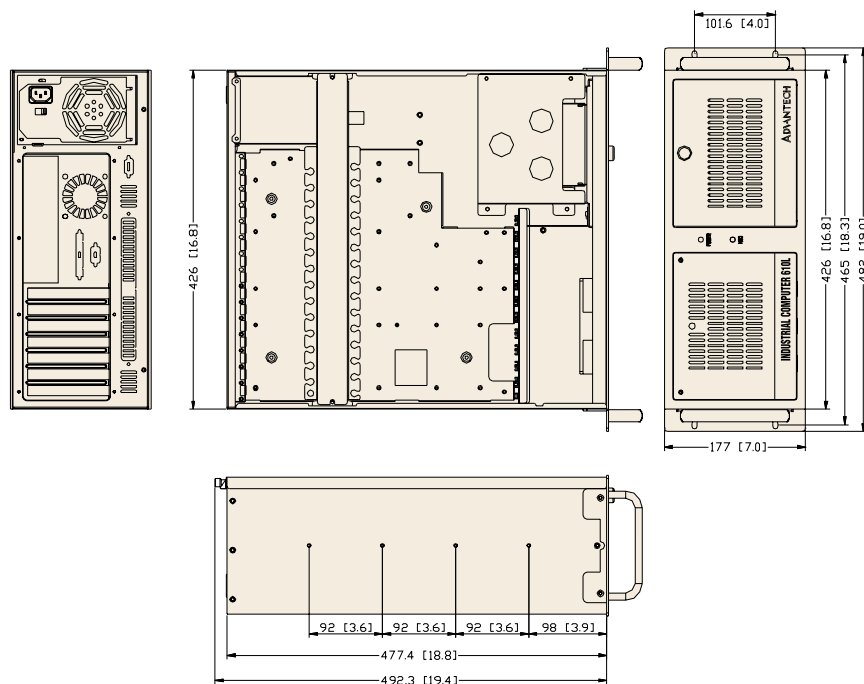
- User-friendly and front-accessible filter for system maintenance
- Front visible power and HDD LED alarm notification
- Designed to withstand environmental extremes, such as shock, vibration and high temperature
- Shock-resistant disk drive bays holds three 5.25" and one 3.5" front-accessible disk drives
- Flexible mechanical design supports both PS/2 single and redundant power supply

### Specifications

|                          |                         |  |   |
|--------------------------|-------------------------|--|---|
| Drive Bay                | 5.25"                   | Front-accessible   | 3   |
|                          | 3.5"                    |  | 1   |
| Cooling                  | Fan                     |  | 1 (85 CFM)                                  |
|                          | Air Filter              |  | Yes   |
| Miscellaneous            | Slide Rail              | General Device C-300 series supported (Not included)     |   |
|                          | Indicator               | Power & HDD activity                                     |   |
|                          | Rear Panel              | Reserved one D-SUB 9-pin and one 68-pin SCSI openings    |   |
| Environment              | Temperature             | Operating  | 0 ~ 40 °C (32 ~ 104 °F)                     |
|                          |                         | Non-Operating  | -20 ~ 60 °C (-4 ~ 140 °F)                   |
|                          | Humidity                |  | -20 ~ 60 °C (-4 ~ 140 °F)                   |
|                          |                         |  | 10 ~ 95 % @ 40 °C, non-condensing           |
|                          | Vibration (5 ~ 500 MHz) |  | 1 Grms                                      |
|                          |                         |  | 2 G   |
|                          | Shock                   |  | 10 G (With 11 msec duration, 1/2 sine wave) |
|                          |                         | 30 G   |   |
| Physical Characteristics | Acoustic Noise          | Less than 52 dB sound pressure at 5 ~ 28 °C (41 ~ 82 °F) |   |
|                          | Altitude                | 0 to 3048 m (0 ~ 10,000 ft)                              |   |
|                          | Dimensions (W x H x D)  | 482 x 177 x 480 mm (19" x 7" x 18.9")                    |   |
|                          | Weight                  | 16.5 kg (36.3 lb)  |   |



## Dimension Diagram



Unit: mm (inch)

## Power Supply Options

| Part Number                | Specifications |                                 |   |   |               |                       |
|----------------------------|----------------|---------------------------------|---|---|---------------|-----------------------|
|                            | Watt           | Input                           | Output  | Mini-load                                     | Safety        | MTBF                  |
| PS-250ATX-Z<br>(ATX, PFC)  | 250 W          | AC 115/230 V<br>(Selectable)    | +5V @ 27 A, +3.3 V @ 20 A<br>+12 V @ 13 A, -12 V @ 0.8 A<br>-5 V @ 0.3 A, +5Vsb @ 2 A   | +5 V @ 0.5 A<br>+12 V @ 1 A<br>+3.3 V @ 0.3 A | UL/TUV/CB/CCC | 100,000 hours @ 25 °C |
| PS-300ATX-ZB<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, -12 V @ 0.8 A<br>-5 V @ 0.3 A, +5 Vsb @ 2 A | +5 V @ 0.1 A<br>+3.3 V @ 0.3 A                | UL/TUV/CB/CCC | 100,000 hours @ 25 °C |

## Ordering Information

| Part Number    | Power Supply                             | Motherboard  | Regulation  |
|----------------|--|--------------|-------------|
| IPC-610MB-00XL | Without power supply,<br>with ATX switch | Not included | -           |
| IPC-610MB-25ZL | PS-250ATX-Z                              | Not included | UL, cUL, CE |
| IPC-610MB-30ZL | PS-300ATX-ZB                             | Not included | UL, cUL, CE |

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