# IPC-610-H

## 4U Rackmount Chassis with Visual & Audible Alarm Notification

PICMG 1.0
PICMG 1.3

## Features

- 4U rackmount chassis supports up to 15 add-on 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 transfer
- Dual front-accessible filtered cooling fans provide optimized and streamlined airflow
- Front LEDs indicate power status, and HDD activity
- Lockable front door prevents unauthorized access
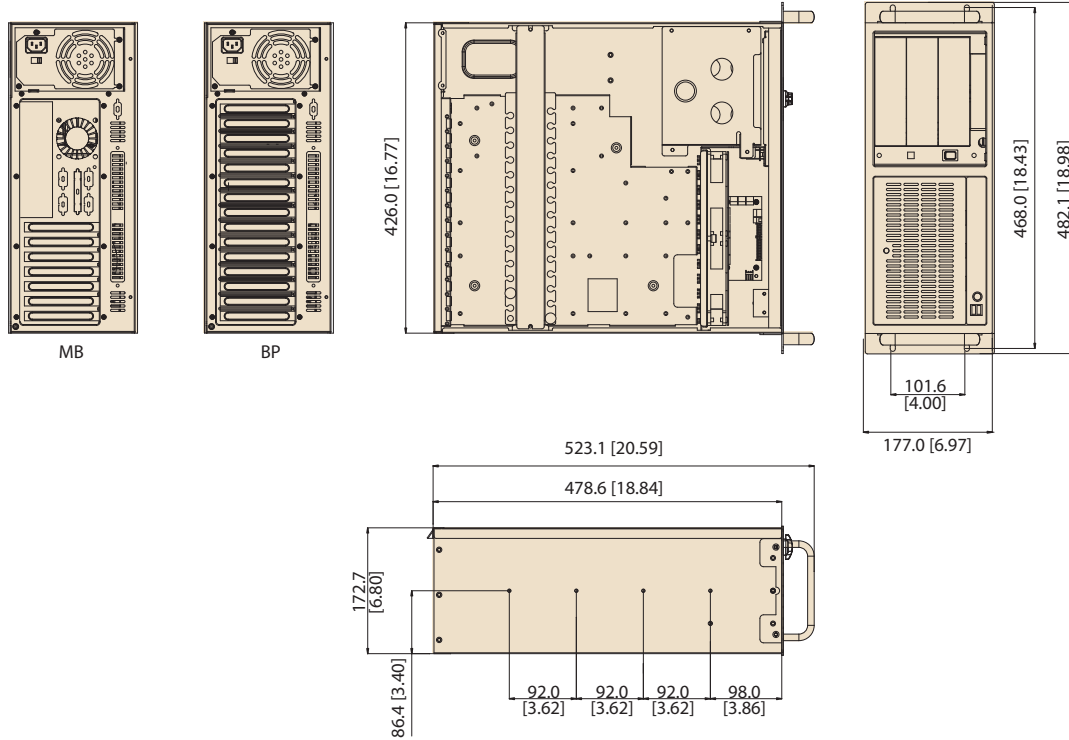- Supports 300 W single PS/2 and redundant ATX power supplies

CE FCC   RoHS COMPLIANT 2002/95/EC

## Specifications

| | | Front-accessible | |
|---|---|---|---|
| Drive Bay | 3.5" | 1 | |
| | 5.25" | 3 | |
| Cooling | Fan | 2 (12 cm / 85 CFM each) | |
| | Air Filter | Yes | |
| Front I/O Interface | USB | 2 | |
| | PS/2 | 1 | |
| Miscellaneous | LED Indicators | Power, HDD, and power voltage status | |
| | Rear Panel | Backplane version: One 9-pin D-Sub opening<br>Motherboard version: Five 9-pin D-Sub & 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) | 482 x 177 x 479 mm  (19" x 7" x 18.9") | |
| | Weight | 15 kg (33 lb) | |

Last updated : 25-Mar-2011

## Dimensions

Unit: mm [inch]



MB

BP

426.0 [16.77]

523.1 [20.59]

478.6 [18.84]

172.7 [6.80]

86.4 [3.40]

92.0 [3.62]  92.0 [3.62]  92.0 [3.62]  98.0 [3.86]

468.0 [18.43]

482.1 [18.98]

101.6 [4.00]

177.0 [6.97]

## Ordering Information

| Part Number | Power Supply |
|---|---|
| **Backplane Version** | |
| IPC-610BP-00XHE | Without power supply, with ATX switch |
| IPC-610BP-30ZHE | PS-300ATX-ZBE |
| **Motherboard Version** | |
| IPC-610MB-00XHE | Without power supply, with ATX switch |
| IPC-610MB-30ZHE | PS-300ATX-ZBE |

## Power Supply Options

(For detailed power supply specs, please refer to Chapter 7)

| Part Number | Specifications | |
|---|---|---|
| | **Watts** | **Input** |
| PS-300ATX-ZBE (ATX, PFC) | 300 W | AC 100 ~ 240 V (full range) |
| PS-400ATX-ZBE (ATX, PFC) | 400 W | AC 100 ~ 240 V (full range) |
| RPS-300ATX-ZE (ATX, PFC) (1+1 redundant) | 300 W | AC 100 ~ 240 V (full range) |
| PS-300ATX-DC48E (ATX) | 300 W | DC -48 V |

## Optional Accessories

| Part Number | Description |
|---|---|
| 2130006147S000 | Door filter 97.6 x 36.6 x 5 mm |
| 2130004803S000 | Fan filter 115 x 195 x 5 mm |
| 1700006916 | ATX 24P/20P + 4P + 15P 60cm (connecting from power supply to LED board) |
| 1700006917 | Two Mini DIN (connect to MB) / 6P (connect to front I/O board)  PS2 KB/Mouse cable |

\* If users use AIMB-763 or 3rd party motherboard, they need to purchase 1700006915 or 1700006916 for the front voltage LEDs to function normally. And they also need to purchase 1700006917 to make front PS/2 function normally.