

# IPC-3012

## Compact Embedded Chassis for PICMG 1.3 Half Size SHB

**NEW**

PICMG 1.3



### Features

- Compact chassis with two expansion slot
- Support High Computing PICMG 1.3 Half Size SHB
- Support two 2.5" HDD for RAID 0,1 configure
- Optional bi-direction mounting on wall or workbench
- Top cover with thumb screw for easy maintenance

CE FCC RoHS

### Specifications

|                          |                        |                                            |                                   |
|--------------------------|------------------------|--------------------------------------------|-----------------------------------|
| Disk Drive Bay           | 2.5"                   | Front-accessible                           | Internal                          |
|                          |                        | -                                          | 2                                 |
| Cooling                  | Fan                    | 2 (6 cm/27 CFM)                            |                                   |
|                          | Air Filters            | Yes                                        |                                   |
| Front I/O interface      | USB                    | 2                                          |                                   |
| Miscellaneous            | LED Indicators         | Power, HDD                                 |                                   |
|                          | Control                | Power Switch                               |                                   |
| 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)   | 1G                                         | 2 G                               |
|                          | Shock                  | 10 G (with 11 ms duration, half sine wave) |                                   |
| Physical Characteristics | Dimensions (W x H x D) | 232 x 90 x 232 mm                          |                                   |
|                          | Weight                 | 3.24 kg (7.14 lb)                          |                                   |

### Front view



### Rear view

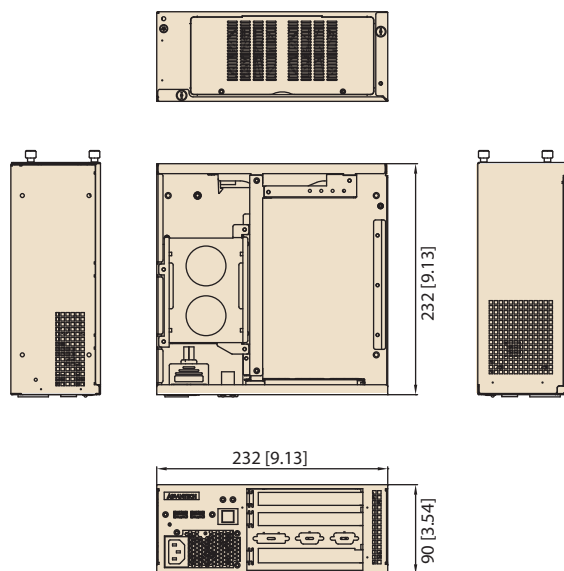


### Inside view



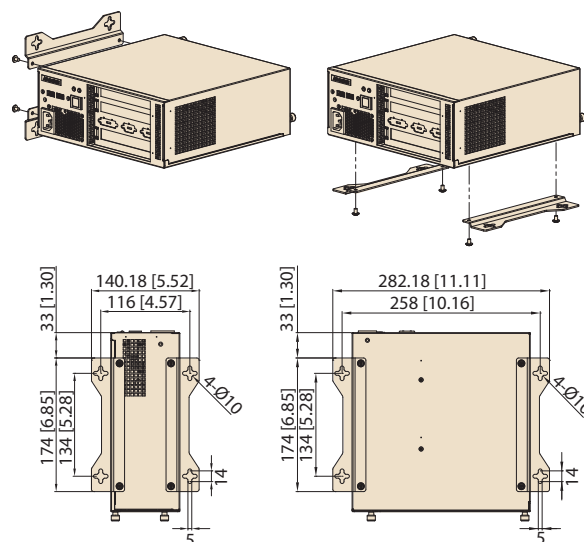
## Dimensions

Unit: mm [inch]



## Installation

Unit: mm [inch]



## Ordering Information

| Part Number   | Power Supply                       |
|---------------|------------------------------------|
| IPC-3012-25ZE | With power supply, with ATX switch |

## Backplane Options

| Model           | PICMG     | PCIe                      |
|-----------------|-----------|---------------------------|
| PCE-3B03A-00A1E | PICMG 1.3 | 1 (PCIe x4), 1 (PCIe x16) |

## Power Supply Options

| Part Number   | Watt  | Input                       |
|---------------|-------|-----------------------------|
| 1757004308-01 | 250 W | AC 100 ~ 240 V (full range) |

## CPU board Options

| Part Number      | Description             |
|------------------|-------------------------|
| PCE-3026G2-00A1E | PICMG 1.3 Half-size SHB |

## Optional Accessories

| Part Number    | Description                                    |
|----------------|------------------------------------------------|
| 1750002580     | 27.72 CFM, system fan 60 x 60 x 13 mm          |
| 1990005760T00B | Filter cover for ARK-6620                      |
| 1960053207N001 | LGA1156 1.5U CPU cooler for one expansion card |
| 1960053065N001 | LGA1156 1U CPU blower for two expansion cards  |

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