

# IPC-619/IPC-619S

**Compact 4U Rackmount Chassis for Motherboard & Full-Size/ Half-Size SHB/SBC**



## Features

### IPC-619:

- Space-saving 4U rackmount chassis, with only 429 mm depth
- Supports either ATX/MicroATX motherboards or backplane up to 15 slots
- Shock-resistant drive bay design supports up to two 5.25" and one 3.5" disk drives
- Versatile 250W/300W/400W power supply options

### IPC-619S:

- Ultra compact 4U chassis for half-size SBC, with only 274 mm depth
- Supports up to 10-slot backplane
- Shock-resistant drive bays to hold one 5.25" and one 3.5" disk drives
- 250W and 300W ATX/PFC power supply options

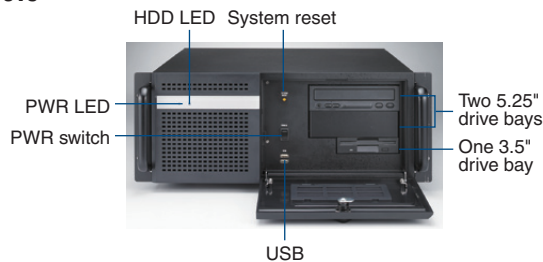


## Specifications

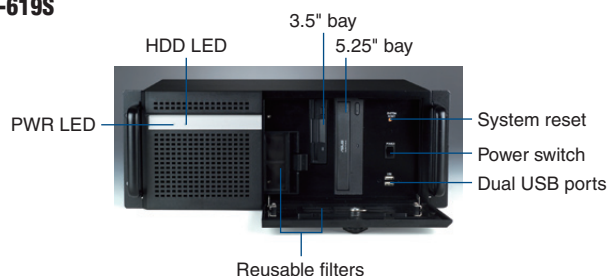
|                |                      |   |
|----------------|----------------------|---|
| Drive Bay      | 5.25"                | Front-accessible  |
|                | 3.5"                 | 2/1   |
| Cooling        | Fans                 | One (12 cm/85 CFM)  |
|                | Air Filters          | Yes   |
| I/O interfaces | USB                  | 2 (front-accessible)  |
| Miscellaneous  | Notification LEDs    | PWR, HDD  |
|                | Control              | Power switch and system reset button  |
|                | Rear Panel           | BP version: One 9-pin D-Sub opening; MB version (IPC-619 only): Five 9-pin D-Sub & one 68-pin SCSI openings |
| Environment    | Temperature          | Operating: 0 ~ 40° C (32 ~ 104° F)<br>Non-Operating: -20 ~ 60° C (-4 ~ 140° F)                              |
|                | Humidity             | 10 ~ 85% @ 40° C, non-condensing<br>10 ~ 95% @ 40° C, non-condensing  |
|                | Vibration (5-500 Hz) | 1 Grms<br>2 G   |
|                | Shock                | 10 G (with 11 ms duration, half sine wave)<br>30 G  |
|                | Physical             | Dimensions (W x H x D)  |
|                | Weight               | 15 kg (33 lb)/8 kg (17.6 lb)  |

## Front View

### IPC-619

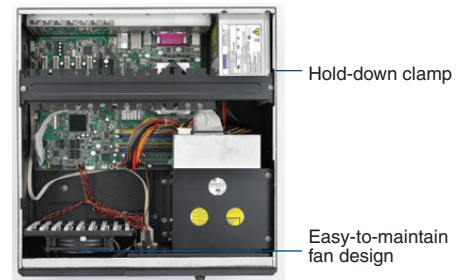


### IPC-619S

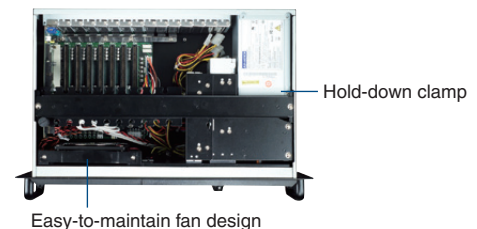


## Inside View

### IPC-619



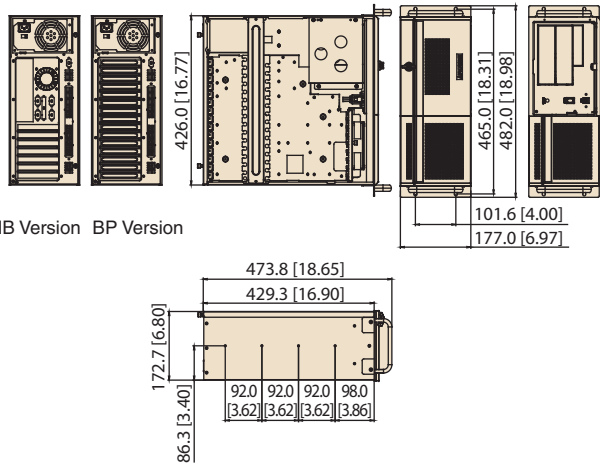
### IPC-619S



## Dimensions

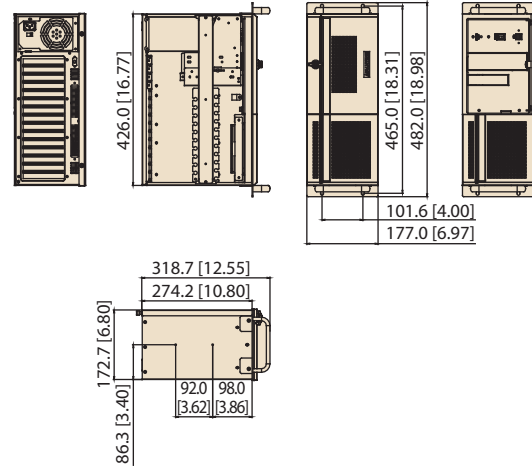
Unit: mm [inch]

### IPC-619



MB Version BP Version

### IPC-619S



## Ordering Information

| Model Name                 | Power Supply                          |
|----------------------------|---------------------------------------|
| <b>IPC-619</b>             |                                       |
| <b>Backplane Version</b>   |                                       |
| IPC-619BP-00XE             | Without power supply, with ATX switch |
| <b>Motherboard Version</b> |                                       |
| IPC-619MB-00XE             | Without power supply, with ATX switch |
| <b>IPC-619S</b>            |                                       |
| IPC-619SBP-00XE            | Without power supply, with ATX switch |

## Optional Accessories

| Part Name  | Description   |
|------------|---|
| 1990001298 | Door filter 150 x 68 mm   |
| 1990001299 | Fan filter 95 x 130 mm  |
| 1750002121 | Fan 120 x 120 x 25 mm   |
| IDT-3120E  | Mobile rack for converting a 3.5" drive bay to dual 2.5" SATA HDD trays           |
| IDT-5230E  | Mobile rack for converting dual 5.25" drive bays to three 3.5" SAS/SATA HDD trays |

## Power Supply Options

(For detailed power supply specs, please refer to Chapter 6)

| Part Name                 | Specifications |                            |
|---------------------------|----------------|----------------------------|
|                           | Watt           | Input                      |
| PS-250ATX-ZE (ATX, PFC)   | 250 W          | AC 115/230V (selectable)   |
| PS8-300ATX-ZBE (ATX, PFC) | 300 W          | AC 100 ~ 240V (full-range) |
| PS8-400ATX-ZE (ATX, PFC)  | 400 W          | AC 100 ~ 240V (full-range) |

## Half-size Backplane Options

| Part Name          | Slot                | CPU Card                     |
|--------------------|---------------------|------------------------------|
| PCI-7110P3S6-00A1E | 1 CPU, 3 PCI, 6 ISA | PCI-7020, PCI-7030, PCI-7031 |
| PCA-6108P8-0A2E    | 1 CPU, 7 PCI        | PCI-7020, PCI-7030, PCI-7031 |
| PCA-6108E-0C2E     | 1 CPU, 7 ISA        | PCA-6742, PCA-6743, PCA-6781 |