

# IPC-6806

## 6-Slot Desktop/Wallmount Compact Chassis for Full-/Half-size Slot SBC



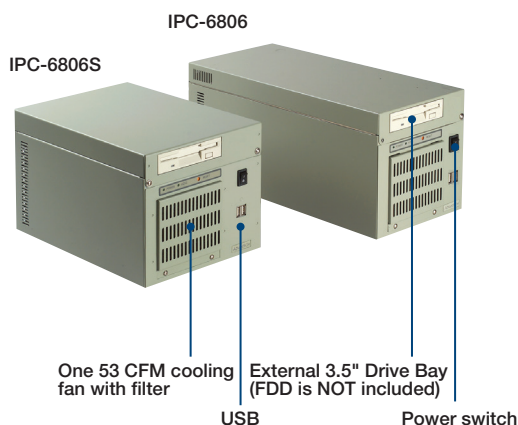
### Features

- Three models with different sizes to support various industrial applications
  - IPC-6806S supports 6-slot PICMG 1.0/1.3 backplane
  - IPC-6806 supports 6-slot PICMG 1.0 backplane
  - IPC-6806W supports 6-slot PICMG 1.0/1.3 backplane
- Supports 6-slot backplanes
- Streamlined filtered airflow

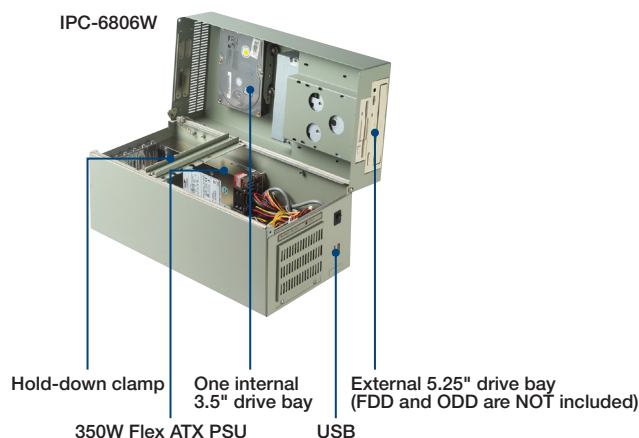
### Specifications

| Model Name               |                        | IPC-6806S                                     | IPC-6806                                       | IPC-6806W                                    |
|--------------------------|------------------------|-----------------------------------------------|------------------------------------------------|----------------------------------------------|
| CPU Card Form Factor     |                        | Half-size PICMG 1.0/1.3                       | Full-size PICMG 1.0                            | Full-size PICMG 1.0/1.3                      |
| Drive Bay                | 5.25"                  | -                                             | -                                              | 1                                            |
|                          | External 3.5"          | 1 (no support for IPC-DT-3120E)               | 1                                              | 1                                            |
|                          | Internal 3.5"          | 1                                             | 1                                              | 1                                            |
| Cooling                  | Fan                    | 1 (9cm / 51.5 CFM)                            | 1 (9cm / 51.5 CFM)                             | 1 (9cm / 58 CFM)                             |
|                          | Air Filter             | Yes                                           | Yes                                            | Yes                                          |
| Front I/O Interface      | USB 2.0                | 2                                             | 2                                              | 2                                            |
| Miscellaneous            | LED Indicators         | Power and HDD                                 |                                                |                                              |
|                          | Control                | Power switch and system reset buttons         |                                                |                                              |
| 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) | 0.5 Grms                                      |                                                | 2 G                                          |
|                          | Shock                  | 10 G (with 11 ms duration, half sine wave)    |                                                |                                              |
| Physical Characteristics | Dimensions (W x H x D) | 191 x 178 x 290 mm<br>(7.5" x 7.01" x 11.42") | 166 x 178 x 398 mm<br>(6.54" x 7.01" x 15.67") | 198 x 221 x 398 mm<br>(7.8" x 8.7" x 15.67") |
|                          | Weight                 | 5.6 ka (12.3 lb)                              | 6.3 ka (13.9 lb)                               | 8 ka (17.6 lb)                               |

### Front View



### Inside View

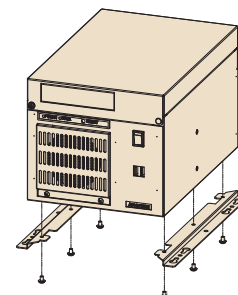
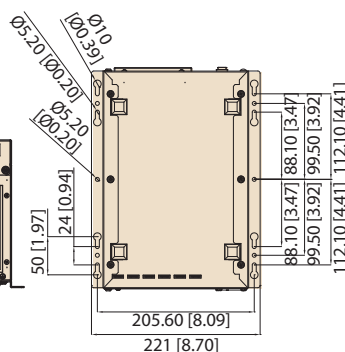
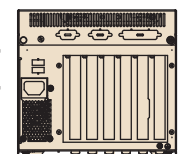
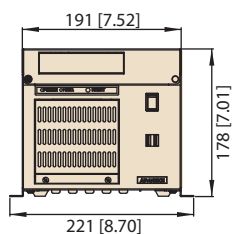
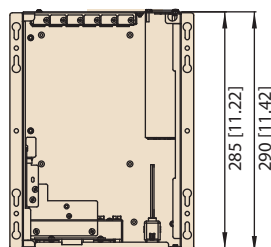


## Dimensions

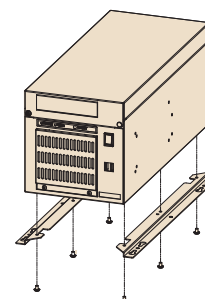
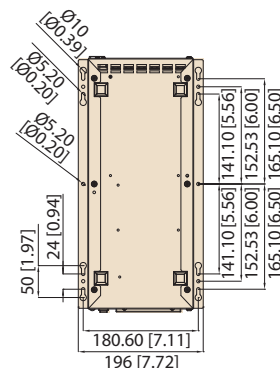
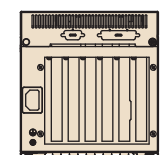
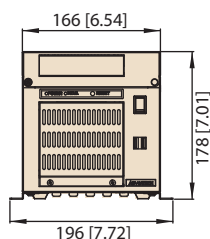
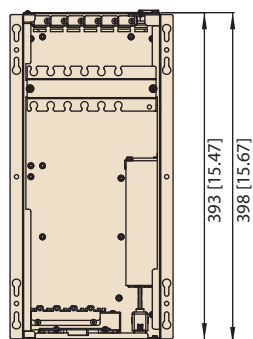
## Installation

Unit: mm [inch]

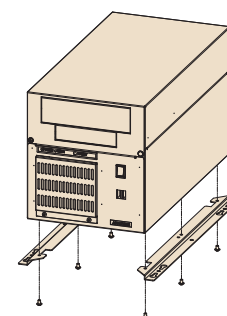
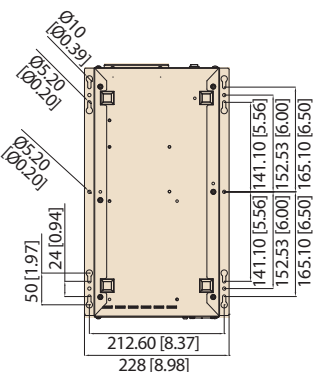
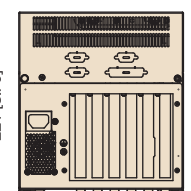
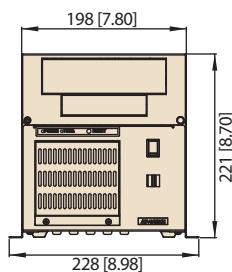
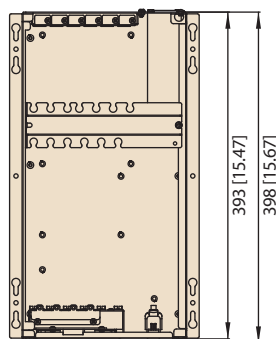
### IPC-6806S



### IPC-6806



### IPC-6806W



## Ordering Information

| Part Number             | Color | CPU Card Form Factor    | Power Supply Wattage | Switch |
|-------------------------|-------|-------------------------|----------------------|--------|
| <b>IPC-6806S Series</b> |       |                         |                      |        |
| IPC-6806S-25F           | Gray  | PICMG 1.0 Half-size     | 250W                 | AT     |
| <b>IPC-6806 Series</b>  |       |                         |                      |        |
| IPC-6806-25F            | Gray  | PICMG 1.0 Full-size     | 250W                 | ATX    |
| <b>IPC-6806W Series</b> |       |                         |                      |        |
| IPC-6806W-35F           | Gray  | PICMG 1.0/1.3 Full-size | 350W                 | AT     |