

# IPC-6806

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



### Features

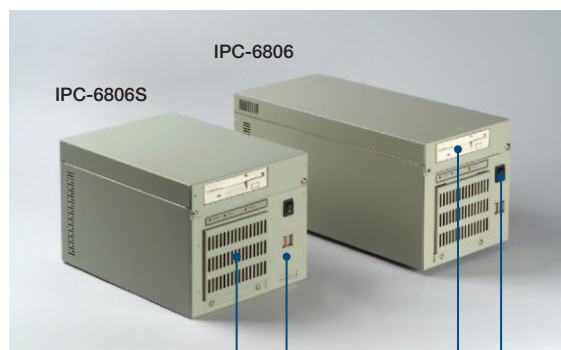
- Three models with different sizes to support various industrial applications
- Supports versatile 6-slot backplanes
- Streamlined filtered airflow



### Specifications

| Model Name           |                          | IPC-6806S                                  | IPC-6806                                    | IPC-6806W                                   |
|----------------------|--------------------------|--|---|---|
| CPU Card Form Factor |                          | Half-sized                                 | Full-sized                                  | Full-sized                                  |
| Drive Bay            | 5.25"                    | -  | -   | 1   |
|                      | External 3.5"            | 1  | 1   | 1   |
|                      | Internal 3.5"            | 1  | 1   | 1   |
| Cooling              | Fan                      | 1 (9cm / 53 CFM)                           | 1 (9cm / 53 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 Temperature    | 0 ~ 40° C (32 ~ 104° F)                    |   | Non-Operating<br>-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) |   | 30 G  |
|                      | Physical Characteristics | Dimensions (W x H x D)                     | 191 x 170 x 285 mm<br>(7.5" x 6.7" x 11.2") | 166 x 170 x 393 mm<br>(6.5" x 6.7" x 15.4") |
|                      | Weight                   | 5.6 kg (12.3 lb)                           | 6.3 kg (13.9 lb)                            | 8 kg (17.6 lb)                              |

### Front View



- One 53 CFM cooling fan with filter
- External 3.5" Drive Bay (FDD is NOT included)
- USB
- Power switch

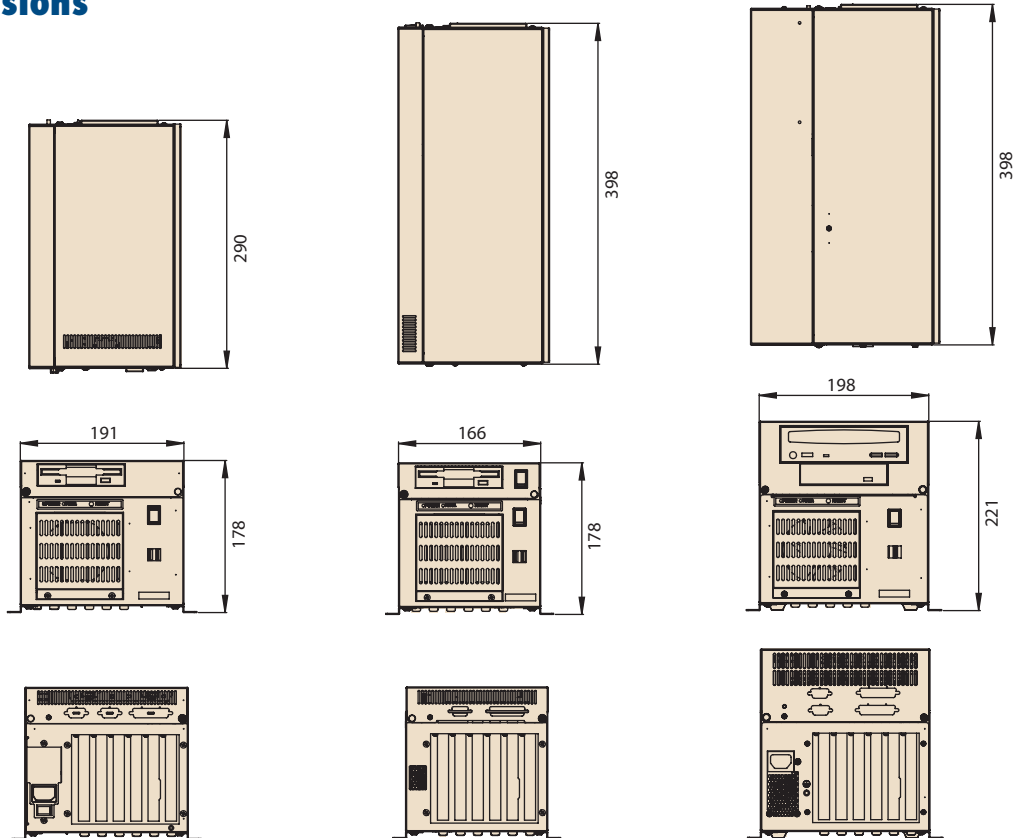
### Inside View



- Hold-down clamp
- 350W Flex ATX PSU
- One internal 3.5" drive bay
- External 5.25" drive bay (FDD and ODD are NOT included)
- USB

## Dimensions

Unit: mm



## Ordering Information

| Part Number             | color | CPU Card Form Factor | Power Supply Wattage | Backplane       | Switch |
|-------------------------|-------|----------------------|----------------------|-----------------|--------|
| <b>IPC-6806 Series</b>  |       |                      |                      |                 |        |
| IPC-6806-25DE           | Gray  | Half-sized           | 250W                 | -               | AT     |
| IPC-6806P3-25DE         | Gray  | Full-sized           | 250W                 | PCA-6106P3-0D2E | ATX    |
| <b>IPC-6806S Series</b> |       |                      |                      |                 |        |
| IPC-6806S-25CE          | Gray  | Half-sized           | 250W                 | -               | AT     |
| <b>IPC-6806W Series</b> |       |                      |                      |                 |        |
| IPC-6806W-35CE          | Gray  | Full-sized           | 350W                 | -               | AT     |
| IPC-6806WP-35CE         | Gray  | Full-sized           | 350W                 | PCA-6106P3-0D2E | AT     |

## Power Supply Specification

| Part Number    | 80 Plus Grade | Wattage | Type   | Input                   |
|----------------|---------------|---------|--------|-------------------------|
| 96PS-A250WFX-1 | Bronze        | 250W    | Single | AC100-240V (full-range) |
| 96PS-A350WFX-2 | Bronze        | 350W    | Single | AC100-240V (full-range) |



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