

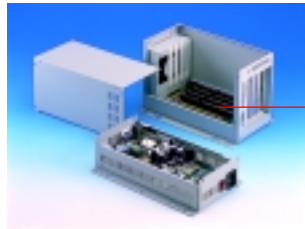
IPC-644

Wallmount Chassis

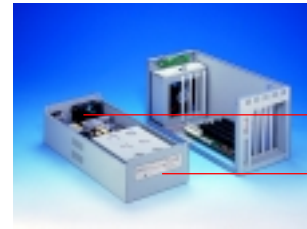
4-slot Compact Desktop/Wallmount Chassis

Features

- Ultra-compact wallmount/desktop IPC chassis
- Equipped with a 4-slot ISA or NLX backplane to hold 4 half-size cards
- One front-access 3.5" FDD and one internal 3.5" HDD
- Two (9-pin and 25-pin) I/O ports
- Power on switch with connector
- One 49-CFM filtered cooling fan and one 14 CFM cooling fan
- Replaceable and easy to clean fan filters
- 80 W AC, 60 W AC, DC 24 V and DC 48 V power supply options

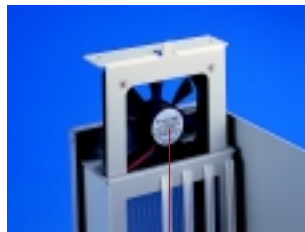


4-slot ISA or NLX backplane to hold 4 half-size cards



One 14-CFM cooling fan
One 3.5" drive bay

The IPC-644 is ideal for embedded systems. It can be equipped with 4-ISA, 4 PCI or 1 ISA/2 PCI/1 NLX backplanes to hold up to 4 Half-size cards.



A 49-CFM cooling fan for easy-replacement and maintenance



Industrial Computer Chassis

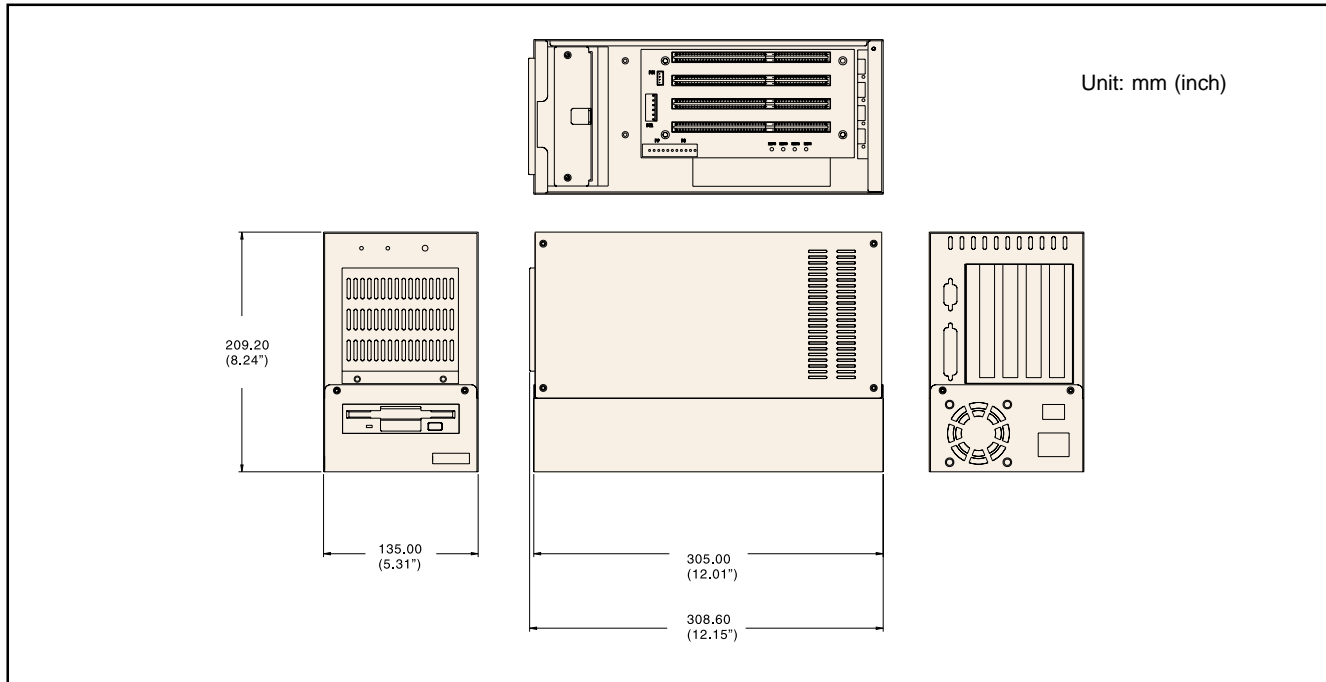
Specifications

| | | Front-accessible | Internal |
|---------------|------------------------|--|----------|
| Drive Bay | 3.5" | 1 | |
| | 3.5" | | 1 |
| Cooling | Fan | 1 (49 CFM/each), 1 (14 CFM/each) | |
| Miscellaneous | Control | System reset, AC power On/Off switch | |
| | Indicator | LEDs for power On/Off and HDD activity | |
| | Speaker | One 8 W compact size speaker | |
| Environment | Temperature | 0 ~ 50 °C (32 ~ 122 °F), operating | |
| | Humidity | 10 ~ 95 % @ 40 °C, non-condensing | |
| Physical | Dimensions (W x H x D) | 135 x 208 x 305 mm (5.3" x 8.2" x 12") | |
| | Weight | 3.8 Kg (8.4 lb) | |



• All brand names and registered trademarks are the property of their respective owner
• All specifications are subject to change without notice

Dimension Diagram



Passive Backplane Options

| B/P Model Name | Slot per Segment (ISA/PCI/CPU) | Segment |
|----------------|--------------------------------|---------|
| PCA-6104 | 4 ISA | Single |
| PCA-6104P4 | 4 PCI | Single |

Ordering Information

| Model Name | With Power Supply | With Backplane | Regulation |
|---------------|-------------------|----------------|------------|
| IPC-644-80 | PS-80 | PCA-6104 | UL/CE |
| IPC-644BP-80 | PS-80 | -- | UL/CE |
| IPC-644BP-60 | OP-60P | -- | UL/cUL/CE |
| IPC-644BP-D24 | OP-60P-D24 | -- | UL/cUL/CE |
| IPC-644BP-D48 | OP-60P-D48 | -- | UL/cUL/CE |

Power Supply Options

| Model Name | Specifications | | | | | |
|------------|----------------|---------------|--|--|------------------------------------|---------------|
| | Watt | Input | Output | Mini-load | Safety | MTBF |
| PS-80 | 80 W | AC 110/220 V | +5 V @ 8 A +12 V @ 3.5 A -12 V @ 1 A | +5 V @ 0.7 A +12 V @ 0.3 A | UL/CSA/CE/ CB/BABT/VE/ Nemko | 50,000 hours |
| OP-60P | 60 W | AC 90 - 264 V | +5 V @ 5 A +12 V @ 2 A -12 V @ 0.5 A | -- | CE/CB/CSA/TUV | 160,000 hours |
| OP-60P-D24 | 60 W | DC 18 - 32 V | +5 V @ 6 A +12 V @ 2.5 A -12 V @ 0.3 A | +5 V @ 0 A +12 V @ 0 A -12 V @ 0 A | -- | -- |
| OP-60P-D48 | 60 W | DC 36 - 72 V | +5 V @ 6 A +12 V @ 2.5 A -12 V @ 0.3 A | +5 V @ 0 A +12 V @ 0 A -12 V @ 0 A | -- | -- |