

# ACP-2000

## 2U 6-slot/5-slot Rackmount Chassis with Front-accessible USB/PS2 Connector



### Features

- Compact 2U-high rackmount chassis, ideal building block for business expansion
- Shock-resistant disk drive bay holds one slim CD-ROM and two 3.5" disk drives for data mirroring applications
- Butterfly backplane design supports 3-slot or 4-slot PCI expansion
- Flexible mechanical design supports 300 W ATX PFC PS/2 power supply and 300 W ATX PFC redundant power supply
- Special modular design allows users to maintain the system with minimum downtime

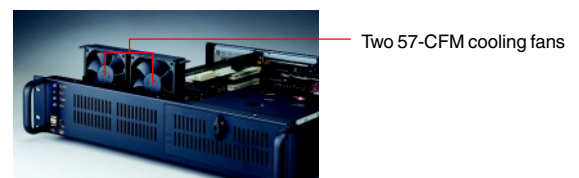
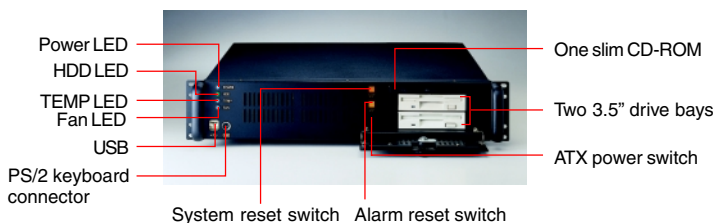
### Introduction

The ACP-2000 is a compact, yet rugged 2U-high 19" rackmount Industrial Computer chassis designed for space-conscious applications. Customers can expand their business without having to worry about space efficiency because the ACP-2000 is only 2U-high and satisfies CT, voice portal, high-density voice processing and networking application requirements.

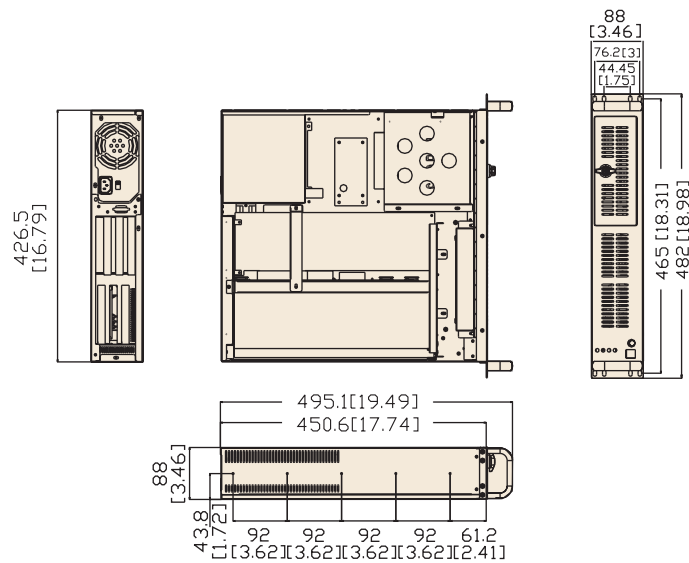
Fast-growing Internet service providers and corporate enterprise customers can use the ACP-2000 as eServer platforms for their internet/intranet, proxy, caching, access, DNS, or file and print server. The ultra-thin 2U form factor delivers rack space optimization without sacrificing performance, expandability, serviceability, or manageability.

### Specifications

|               |                        |  |   |
|---------------|------------------------|--|---|
| Drive Bay     | Slim CD-ROM            | Front-accessible   |   |
|               | 3.5"                   | 1  | 2   |
| Cooling       | Fan                    | 2 (47 CFM/each)  |   |
|               | Air Filter             | Yes  |   |
| I/O Interface | USB                    | 2 (front-accessible)                                     |   |
|               | PS/2                   | 1 (keyboard x1, front-accessible)                        |   |
| Miscellaneous | Slide Rail             | General Device C-300 series supported (not included)     |   |
| Environment   | Temperature            | Operating<br>0 ~ 40 °C (32 ~ 104 °F)                     | Non-Operating<br>-40 ~ 60 °C (-40 ~ 140 °F) |
|               | Humidity               | --   | 10 ~ 95 % @ 40 °C, non-condensing           |
|               | Vibration (5-500 Hz)   | 0.5 Grms   | 2 G   |
|               | Shock                  | 15 G (with 11 ms duration, half sine wave)               | 30 G  |
|               | Acoustic Noise         | Less than 52 dB sound pressure at 5 ~ 28 °C (41 ~ 82 °F) |   |
|               | Altitude               | 0 to 3048 m (0 ~ 10,000 ft)                              |   |
| Physical      | Dimensions (W x H x D) | 482 x 88 x 450 mm (19" x 3.46" x 17.7")                  |   |
|               | Weight                 | 10.2 Kg (22.5 lb)  |   |



## Dimension Diagram



Unit: mm (inch)

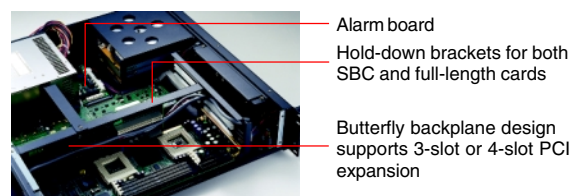
- CompactPCI Enclosures 1
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## Power Supply Options

| Part Number             | Watt  | Input  | Specifications  |   |  | Safety   | MTBF                               |
|-------------------------|-------|--|---|---|--|--|------------------------------------|
|                         |       |  | Output  | Mini-load   |  |  |                                    |
| PS-300ATX-Z (ATX, PFC)  | 300 W | AC 90 ~ 135 V<br>AC 180 ~ 265 V (Full-range) | +5 V @ 30 A, +3.3 V @ 24 A<br>+12 V @ 15 A, -12 V @ 0.8 A<br>-5 V @ 0.3 A, +5 Vsb @ 2 A | +5 V @ 1 A<br>+12 V @ 0.5 A<br>+3.3 V @ 0.3 A               |  | UL/cUL/CSA/CE EN61000-3-2<br>Class D/TÜV/Nordic/CB | 100,000 hours @ 25°C<br>275 W load |
| RPS-300ATX-Z (ATX, PFC) | 300 W | AC 90 ~ 264 V (Full-range)                   | +5 V @ 25 A, +3.3 V @ 18 A<br>+12 V @ 16 A, -12 V @ 1.5 A<br>-5 V @ 0.5 A, +5 Vsb @ 2 A | +5 V @ 3 A<br>+3.3 V @ 1 A<br>+12 V @ 2 A<br>+5 Vsb @ 0.1 A |  | UL/TÜV/CB  | 150,000 hours                      |
| PS-310-DC48 (AT)        | 310 W | DC -38 ~ -58 V                               | +5 V @ 25 A, +12 V @ 10 A<br>-5 V @ 1 A, -12 V @ 5 A                                    | +5 V @ 2 A  |  | UL/CSA/CE  | 100,000 hours                      |

## Storage Device Options

| Part Number   | Descriptions   |
|---------------|--|
| SCD-ROM       | Slim-type CD-ROM kit with 40-pin IDE connector               |
| SCD-FDD-COMBO | Storage kit with slim 24X CD-ROM and standard 3.5" black FDD |
| 9684000014    | 3.5" FDD with black bezel                                    |



## Ordering Information

| Part Number    | With Power Supply                     | With Backplane | Regulation  |
|----------------|---------------------------------------|----------------|-------------|
| ACP-2000P3-00P | Without power supply, with AT switch  | 9686610605     | None        |
| ACP-2000P3-00X | Without power supply, with ATX switch | 9686610605     | None        |
| ACP-2000P3-30Z | PS-300ATX-Z                           | 9686610605     | UL, cUL, CE |
| ACP-2000P3-30D | PS-310-DC48                           | 9686610605     | CE          |
| ACP-2000P3-30R | RPS-300ATX-Z                          | 9686610605     | UL, cUL, CE |
| ACP-2000P4-00X | Without power supply, with AT switch  | 969K610510     | None        |
| ACP-2000P4-30Z | PS-300ATX-Z                           | 969K610510     | UL, cUL, CE |
| ACP-2000P4-30R | RPS-300ATX-Z                          | 969K610510     | UL, cUL, CE |

