# ACP-2020

## 2U Rackmount Short Depth Chassis for ATX and uATX Motherboard



## Features

- 398 mm short depth 2U rackmount chassis
- Supports ATX and uATX form factor single processor motherboard
- Two Internal 2.5" drive bay and two "hot-swap or external" drive bay
- Supports 80 Plus single 350W/500W or 500W redundant power supply
- Front-accessible system fan without opening top cover for easy maintenance
- Built-in Intelligent System Module enabling whole system fan control and remote manageability

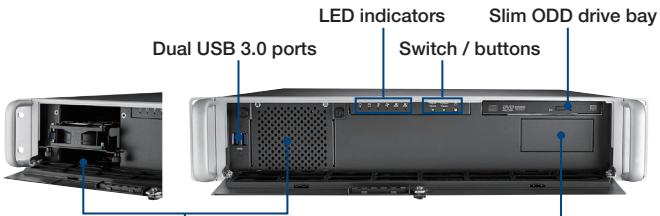
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## Specifications

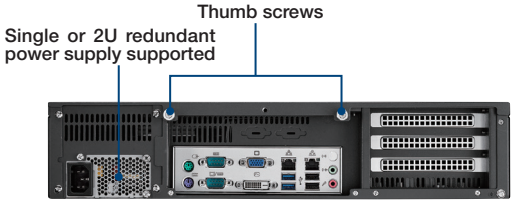
| | | External | Internal |
|---|---|---|---|
| Drive Bay | Slim Optical Drive | 1 | - |
| | 2.5" | 2 (hot-swap tray module as optional)* | 2 |
| Cooling | Fan | 1 (8 cm/46.62CFM) | |
| | Air Filter | Yes | |
| Front I/O Interface | USB 3.0* | 2 | |
| Miscellaneous | LED Indicators | Power, HDD, temperature, fan, LAN1, and LAN2 | |
| | Rear Panel | Two 9-pin D-Sub | |
| Intelligent System Module Hardware Monitoring | CPU/System fan speed, CPU/System temperature (Only Advantech AIMB-78X, PCE-51XX/71XX mainboards can enable CPU fan speed and temperature monitoring function of Intelligent System Module) | | |
| 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% @ 60 °C, non-condensing |
| | Vibration (5 ~ 500 Hz) | 1 Grms | 2 G |
| | Shock | 10 G (with 11 ms duration, half sine wave) | |
| Physical Characteristics | Dimensions (W x H x D) | 482 x 88 x 398 mm (19" x 3.46" x 15.7") | |
| | Weight | 8.6 kg (18.96 lbs) | |

The USB 3.0 ports do not operate if the motherboard has no on-board USB 3.0 box header.
* ACP-2020 2.5" drive bay, both default internal and hot-swap tray module support 2.5" HDD with thickness less than 14.7mm.

## Front View



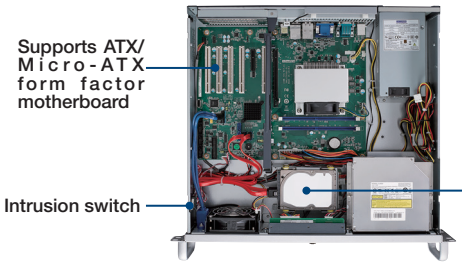

## Rear View






Optional SATA/SAS hot-swap tray module 98R1310010E

## Top View

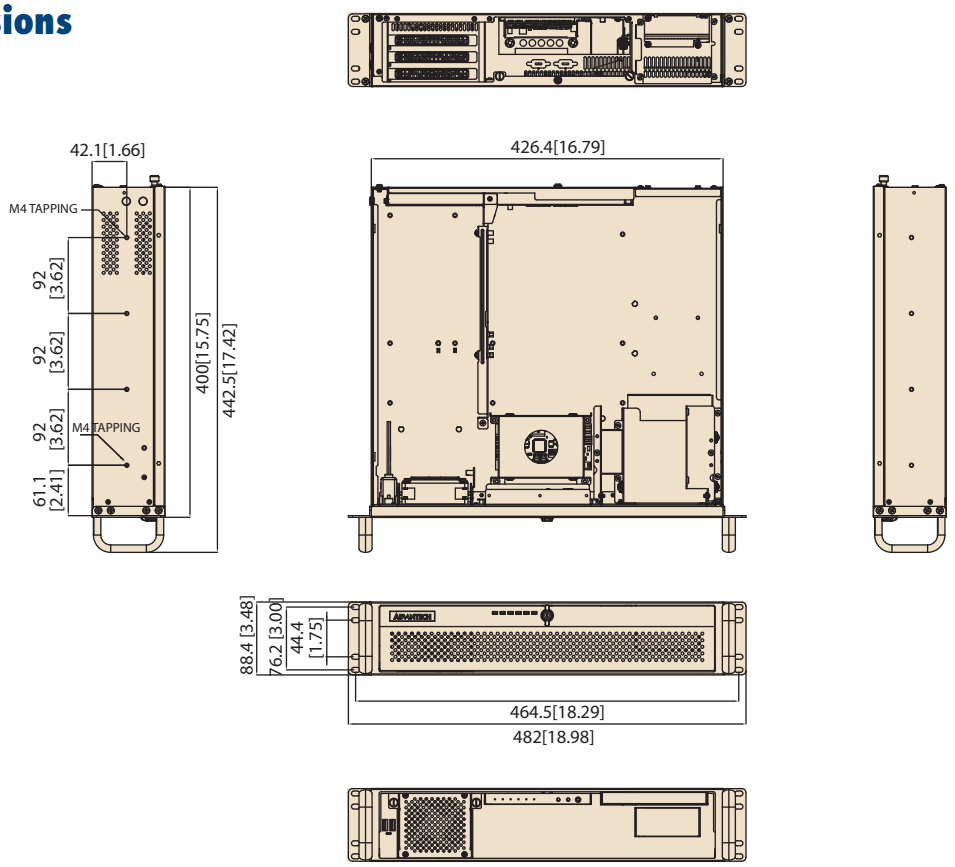




All product specifications are subject to change without notice.

## Dimensions

Unit: mm [inch]




## Ordering Information

| Part Number | Power supply | 80 Plus grade | Power supply type | Wattage | Switch |
|---|---|---|---|---|---|
| ACP-2020MB-35B | PS8-350FATX-GB | Gold | Single Flex ATX | 350W | ATX |
| ACP-2020MB-50RE | RPS8-500U2-XE | Bronze | 1+1 redundant | 500W | ATX |
| ACP-2020MB-50B | PS8-500FATX-GB | Gold | Single Flex ATX | 500W | ATX |

## Packing List

| Part Number | Description | Quantity |
|---|---|---|
| ACP-2020 | 2U rackmount chassis with handle set | 1 |
| 1750009329-01 | system fan | 1 |
| 1700024778-11 | system fan cable | 1 |
| **Content of Accessory Box** | | |
| 98R22020000 | Handle set | 1 |
| | Screws/nuts and rubber for motherboard and devices | one bag |
| 1960073134N000 | HDD convert bracket , 3.5" to dual 2.5" ( max T:14.7mm) | 2 |
| 2001202000 | user manual | 1 |

## Optional Accessories

| Part Number | Description |
|---|---|
| 96CB-SATAPOWER-6P2 | SATA power wire 6-pin to big 4-pin (for slim ODD) |
| 1990021407T000 | Door filter |
| 98R1310010E | 2.5" SATA/SAS Hot-swap module |
| ASMB-RM2F4-11A1 | 2U riser card with 1 PCIex16 & 1 PCIex4 expansion |
| **Rear I/O panel kit for low-profile add-on cards** | |
| 1939000361 | Screws (should purchase 7 pcs) |
| 1960074850T000 | I/O bracket (should purchase 7 pcs) |
| 1960019475T206 | Rear panel for low-profile |