

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 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

CE FCC

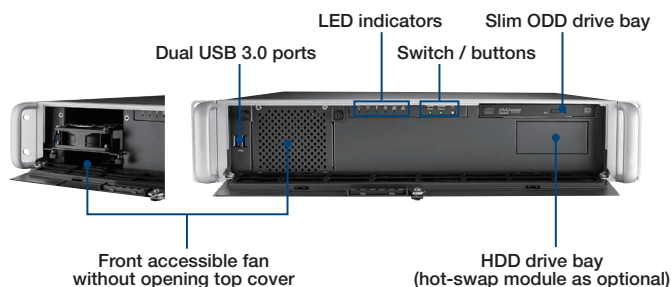
Specifications

		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	Temperature	Operating 0 ~ 40 °C (32 ~ 104 °F)	Non-Operating -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)	

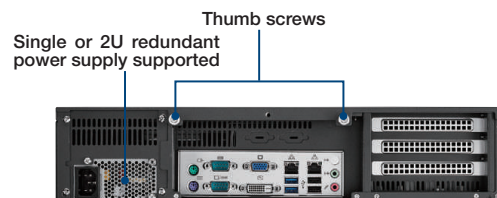
The USB 3.0 ports do not operate if the motherboard has no on-board USB 3.0 box header.

* ACP-2020 2.5" drive bay, both default internal and hot-swap tray module support 2.5" HDD with thickness less than 14.7mm.

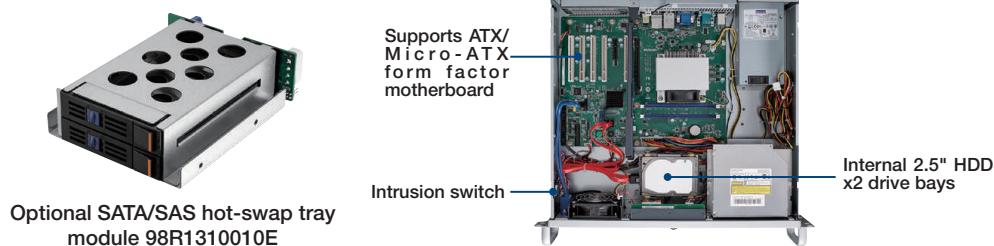
Front View



Rear View



Top View



ADVANTECH

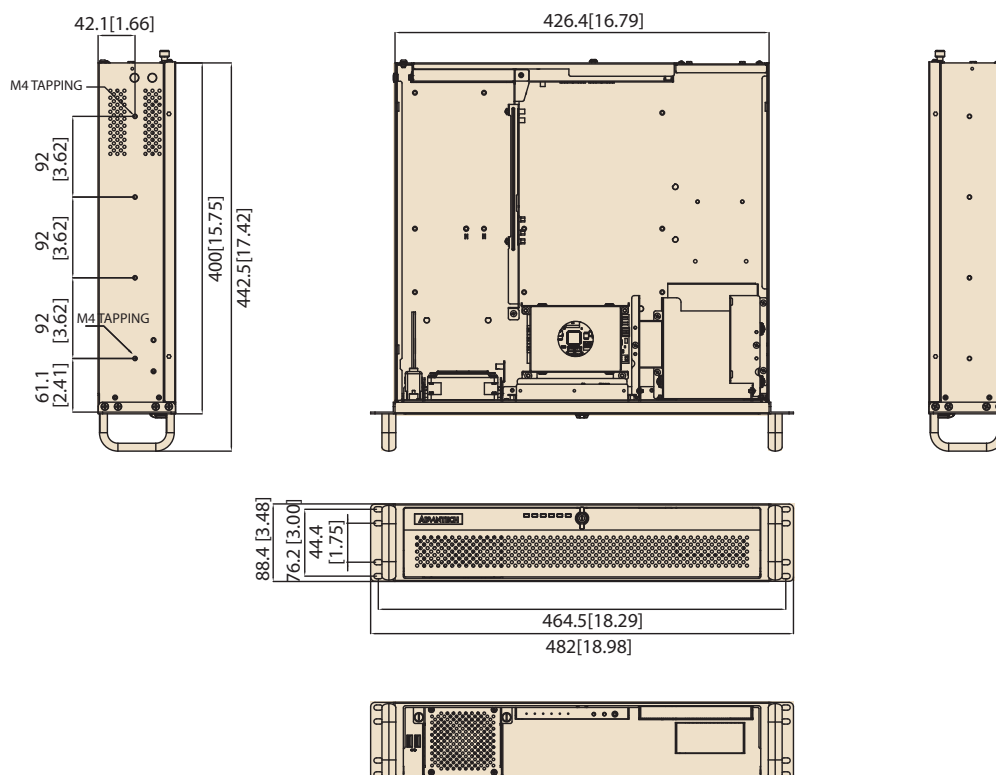
Industrial Chassis

All product specifications are subject to change without notice.

Last updated: 17-Jan-2023

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	350W	ATX
ACP-2020MB-50RE	RPS8-500U2-XE	Bronze	1+1 redundant	500W	ATX

Suggest using CPU cooler 1960052651N021, max. CPU TDP 84W.

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
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)
1960019475T205	Rear panel for low-profile