ACP-2020

2U Rackmount Short Depth Chassis for ATX and mATX Motherboard

CE FCC

Features

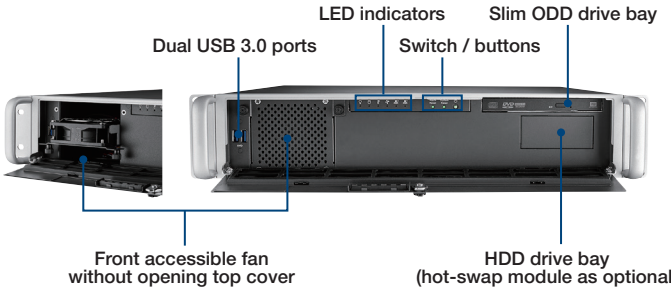
- 398 mm short depth 2U rackmount chassis
- Supports ATX and mATX form factor single processor motherboard
- Two Internal 2.5" drive bay and two "hot-swap or external" drive bay
- Supports 80 Plus single 350W or 500W redundant power supply
- Front-accessible system fan without opening top cover for easy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

Specifications

		External	Internal
Drive Bay	Slim Optical Drive	1	-
	2.5"	2 (hot-swap tray module as optional)*	2
Cooling	Fan	1 (8 cm/41CFM)	
	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 Remote Monitoring	CPU/System fan speed, CPU/System temperature, motherboard voltage (Only selected Advantech MBs/CPU cards with WISE-PaaS/RMM installed can fully enabled these functions, check with Advantech local rep. for detailed information.)		
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 (18.96" x 3.46" x 15.67")	
	Weight	8.6 kg (18.96 lbs)	

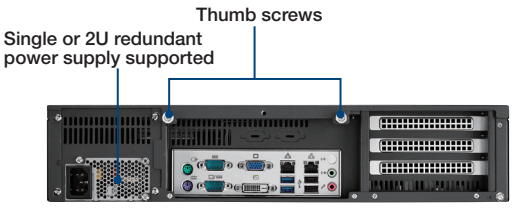
The USB 3.0 ports do not operate if the motherboard has no on-board USB 3.0 box header.
* ACP-2020 2.5" drive bay, both default internal and hot-swap tray module support 2.5" HDD with thickness less than 14.7mm.
* The hot-swap module only accepts 2.5" SATA HDD/SSD

Front View



Optional SATA hot-swap tray module 98R1310010E

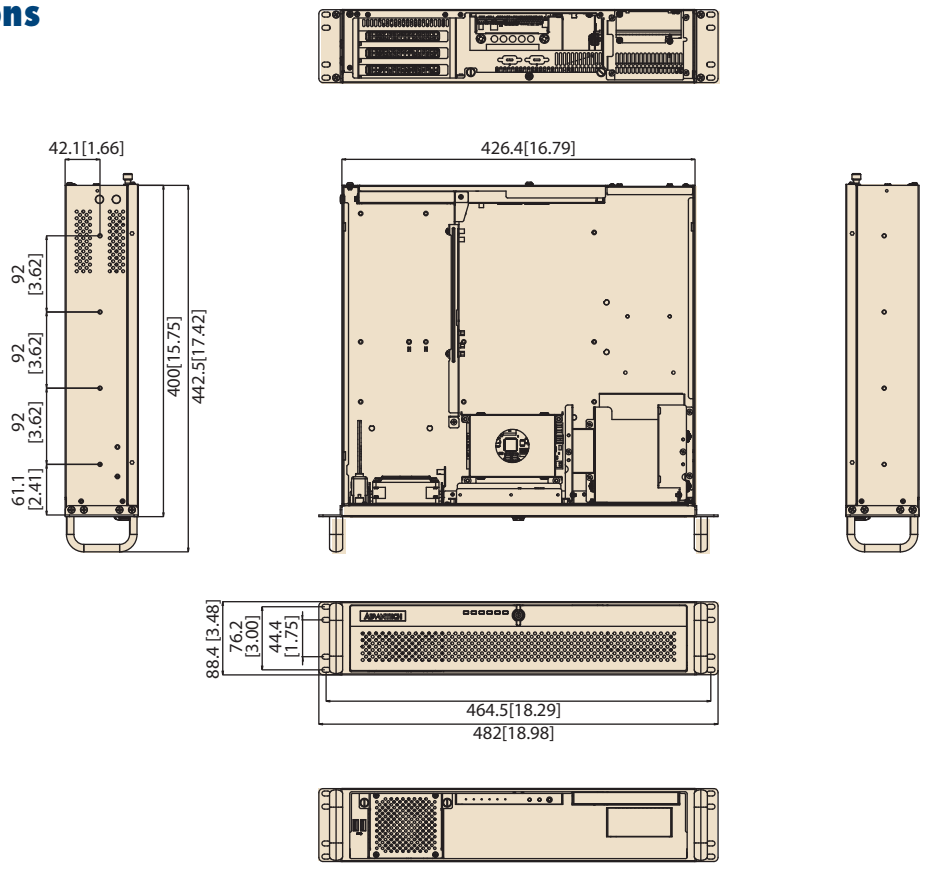
Rear View



Top view

Dimensions

Unit: mm [inch]



Ordering Information

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

Suggest using CPU cooler 1960052651N021, max. CPU TDP 84W with no add-on card configuration.

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 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)
1960019475T201	Rear panel for low-profile

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