ACP-2020

2U Rackmount Short Depth Chassis for ATX and mATX Motherboard

NEW

Features

- 398mm 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
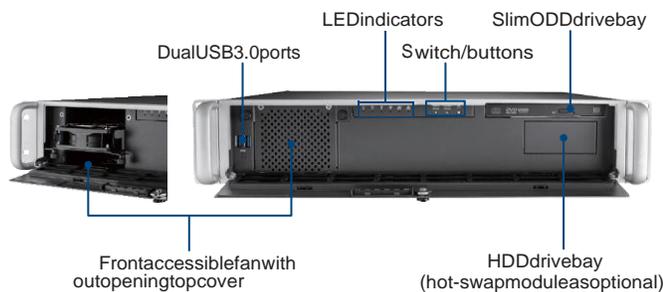- Built-in Intelligent System Module enabling whole system fan control and remote manageability

CE FCC

Specifications

		External	Internal
DriveBay	Slim Optical Drive	1	-
	2.5"	2 (hot-swap tray module as optional)*	2
Cooling	Fan	1 (8cm/41CFM)	
	AirFilter	Yes	
Front I/O Interface	USB3.0*	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.)		

		Operating	Non-Operating
Environment	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 (5~500Hz)	1Grms	2G
	Shock	10G (with 11ms duration, half sine wave)	
Physical Characteristics	Dimensions (WxHxD)	482x88x398mm (18.96"x3.46"x15.67")	
	Weight	8.6kg (18.96lbs)	

The USB3.0 ports do not operate if the motherboard has no on-board USB3.0 box header.
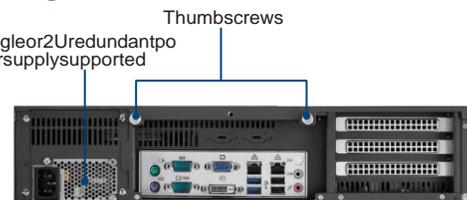
* ACP-2020 2.5" drive bay, both default internal and hot-swap tray module support 2.5" HDD with thickness less than 14.7mm.

* The hot-swap module only accepts 2.5" SATA HDD/SSD

FrontView

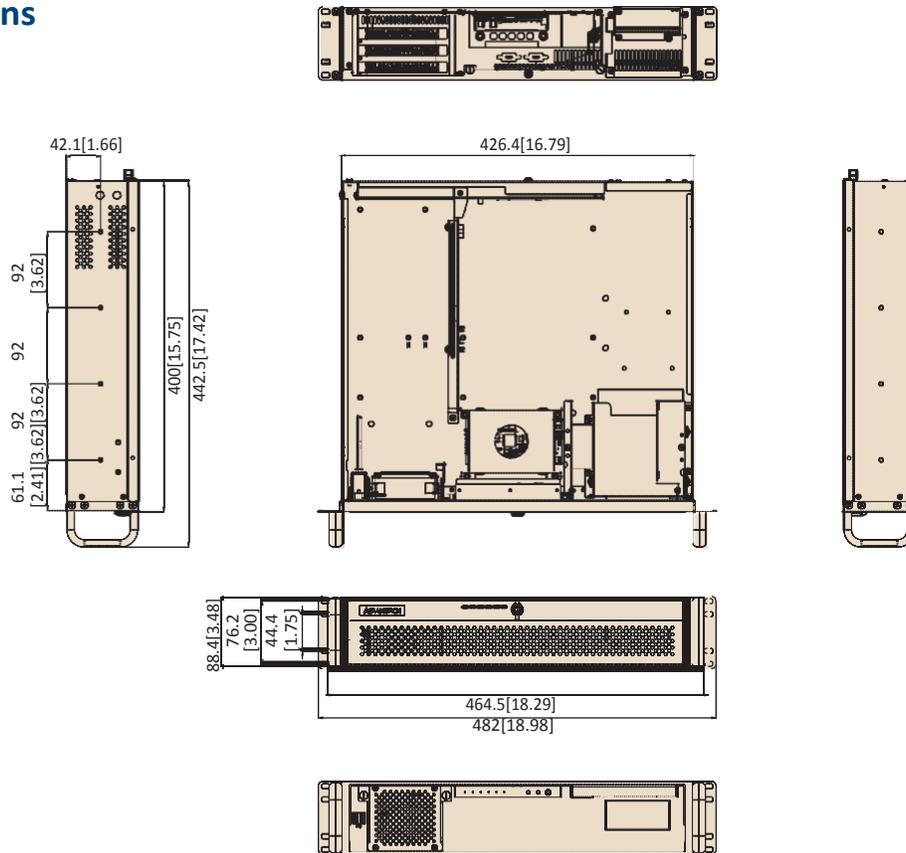Dual USB3.0 ports

LED indicators

Switch/buttons

Slim ODD drive bay

Front accessible fan without opening top cover

HDD drive bay (hot-swap module as optional)

Optional SATA hot-swap tray module 98R1310010E

RearView

Single or 2U redundant power supply supported

Thumbscrews

Topview

Supports ATX/Micro-ATX form factor motherboard

Intrusion switch

Internal 2.5"HDD x2 drive bays

Dimensions

Unit:mm[inch]

42.1[1.66]

426.4[16.79]

92 [3.62]

92

92

61.1 [2.41][3.62]

400[15.75]
442.5[17.42]

88.4[3.48]
76.2 [3.00]
44.4 [1.75]

464.5[18.29]
482[18.98]

OrderingInformation

PartNumber	Powersupply	80Plusgrade	Powersupplytype	Wattage	Switch
ACP-2020MB-35ZE	PS8-350FATX-XE	Bronze	Single	350W	ATX
ACP-2020MB-50RE	RPS8-500U2-XE	Bronze	1+1redundant	500W	ATX

SuggestusingCPUcooler1960052651N021,max.CPUTDP84Wwithnoadd-oncardconfiguration.

OptionalAccessories

PartNumber	Description
96CB-SATAPOWER-6P2	SATApowerwire6-pintobig4-
pin(forslimODD)1990021407T000	Doorfilter
98R1310010E	2.5"SATAHot-
swapmodule**Rearl/Opanelkitforlow-profileadd-**	
oncards1939000361	Screws(shouldpurchase7pcs)
1960074850T000	
	I/Obracket(shouldpurchase7pcs)19