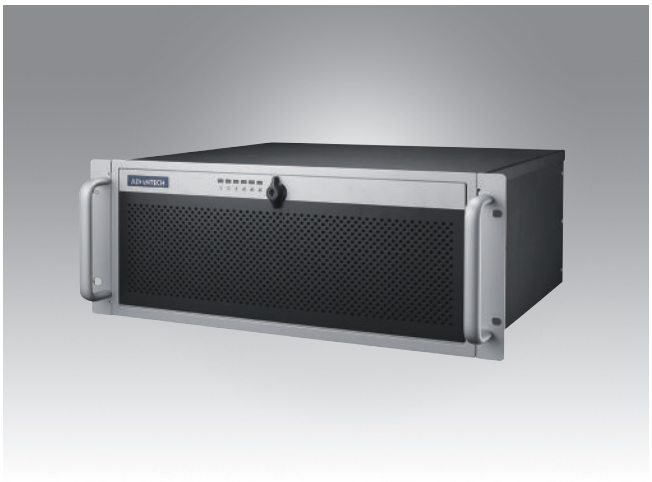
ACP-4020

348mm Depth 4U Rackmount Chassis for Half-size SBC or ATX Motherboard



CE FCC

Features

- 4U rackmount 348 mm depth chassis
- Supports 14-slot BP for half-size SBC or ATX/MicroATX motherboard
- Shock-resistant disk drive bay holds one internal 2.5", and two front-accessible 3.5" drives, plus one slim optical disk drive
- Dual front USB 3.0 ports
- Front-accessible system fan without opening top cover for easy maintenance
- LED indicators and alarm notification for system fault detection
- Built-in Intelligent System Module enabling whole system fan control and remote manageability

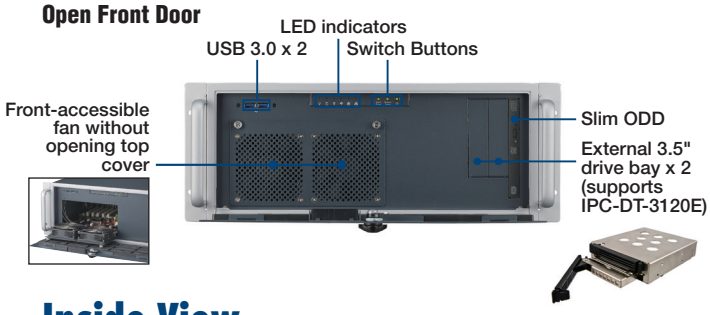
Specifications

Drive Bay		External	Internal
	Slim ODD	1	-
	3.5"	2	-
	2.5"	-	1
Cooling	Fan	2 (9 cm PWM / 52 CFM)	
	Air Filter	Yes	
Front I/O Interface	USB 3.0*	2	
Miscellaneous	LED Indicators	Power, HDD, temperature, fan, LAN1, and LAN2	
	Rear Panel	Backplane version: One 9-pin D-Sub opening Motherboard version: Five 9-pin D-Sub and one 25-pin D-Sub openings	
System Monitoring		Chassis intrusion switch	
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% @ 40 °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 177 x 348 mm (19" x 7.0" x 13.7")	
	Weight	8.5 kg (18.7 lb)	

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

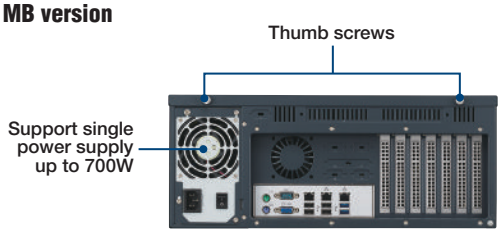
Front View

Open Front Door

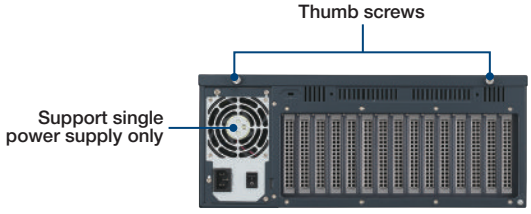


Rear View

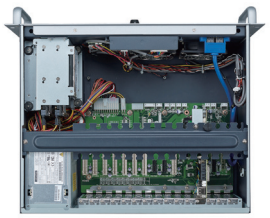
MB version



BP version



Inside View

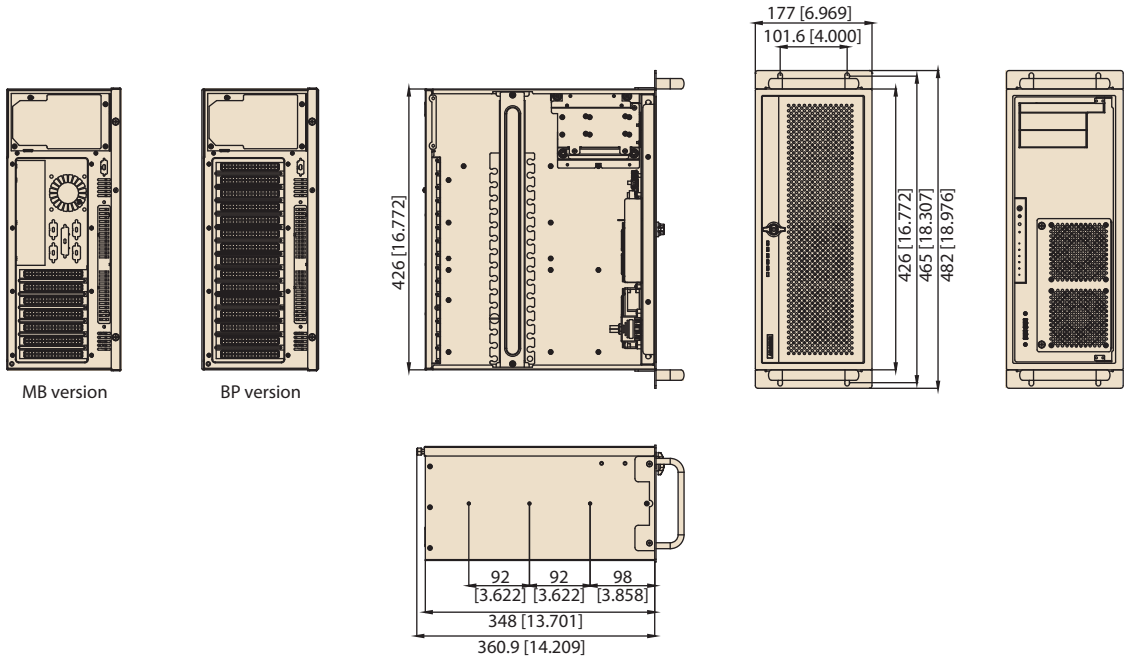


All product specifications are subject to change without notice.

Last updated: 22-Apr-2021

Dimensions

Unit: mm [inch]



Ordering Information

Part Number	Power supply	Power supply type	Wattage	80 plus grade	Switch type
Backplane Version					
ACP-4020BP-50B	PS8-500ATX-BB	Single	500W	Bronze	ATX
Motherboard Version					
ACP-4020MB-30B	PS8-300ATX-ZBE	Single	300W	Bronze	ATX
ACP-4020MB-50B	PS8-500ATX-BB	Single	500W	Bronze	ATX
ACP-4020MB-70B	PS8-700ATX-BB	Single	700W	Bronze	ATX

Packing List

Part Number	Description	Quantity
ACP-4020	chassis	1
1750009328-01	system fan	2
1700020999-02	system fan cable (MB version)	2
1703030254	system fan cable (BP version)	2
1990021256T000	Door filter	1
1960002462	key set	1
Content of Accessory Box		
98R24340000	Handle set	1
	Screws/nuts and rubber for motherboard and devices	one bag
	User manual	1

Optional Accessories

Part Number	Description
IPC-DT-3120E	Drive bay module of two 2.5" HDD in 3.5" space
96CB-SATAPOWER-6P2	SATA power wire 6-pin to big 4-pin (for slim ODD)
1700029268-01	Power cable for GPU card (Two 4-pin 12V connectors to one 6+2 pins PCIe power connector)
1700024754-01	Power cable for GPU card (Two B4P Molex connectors to one 6+2 pins PCIe power connector)

* If GPU card with 2 power connectors, please use 1700029268-01*1 + 1700024754-01*1; If GPU card with 1 power connector, please use 1700029268-01.

* Only 500W or higher wattage PSU support 1700029268-01 and 1700024754-01 for high-end GPU card.