ACP- 4020

348mmDepth4URackmountChassisforHalf-sizeSBCor ATX Motherboard

Quiet

CE FCC

Features

- 4Urackmountchassis,only348mmdepth

- Supports14-slotBPforhalf-sizeSBCorATX/MicroATXmotherboard

- Shock-resistantdiskdrivebayholdsoneinternal2.5",andtwofront-accessible3.5"drives,plusoneslimopticaldiskdrive

- DualfrontUSB3.0ports

- Front-accessiblesystemfanwithoutopeningtopcoverforeasymaintenance

- LEDindicatorsandalarmnotificationforsystemfaultdetection

- Smartfanspeedcontrol

- Built-inIntrusionswitchfunction

- Built-inIntelligentSystemModuleenablingwholesystemfancontrolandremotemanageability

Specifications

		External	Internal
DriveBay	SlimODD	1	-
	3.5"	2	-
	2.5"	-	1
Cooling	Fan	2(9cm/53CFM)	
	AirFilter	Yes	
FrontI/OInterface	USB3.0*	2	
Miscellaneous	LEDIndicators	Power,HDD,temperature,fan,LAN1,andLAN2	
	RearPanel	Backplaneversion:One9-pinD-Subopening Motherboardversion:Five9-pinD-Subandone25-pinD-Subopenings	
System Monitoring		Chassisintrusionswitch	
IntelligentSystemModule RemoteMonitoring		CPU/Systemfanspeed,CPU/Systemtemperature,motherboardvoltage (OnlyselectedAdvantechMBs/CPUcardswithWISE-PaaS/RMMinstalledcanfullyenablethesefunctions,checkwithAdvantechlocalrep.fordetailedinformation.)	
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(5~500Hz)	1Grms	2G
	Shock	10G(with11msduration,halfsinewave)	
PhysicalCharacteristics	Dimensions(WxHxD)	482x177x348mm(19"x7.0"x13.7")	
	Weight	8.5kg(18.7lb)	

TheUSB3.0portsdonotoperateifthemotherboardhasnoon-boardUSB3.0boxheader.

FrontView

OpenFrontDoor

USB3.0x2
LEDindicators
SwitchButtons

Front-accessible fanwithout openingtop cover

SlimODD

External3.5" drivebayx2(supports IPC-DT-3120E)

InsideView

RearView

MBversion

Thumbscrews

250W/300W/ 400WSPS

BPversion

Thumbscrews

250W/300W/ 400WSPS

Dimensions

Unit:mm[inch]

MBversion

BPversion

177[6.969]
101.6[4.000]

426[16.772]

426[16.772]
465[18.307]
482[18.976]

92 92 98
[3.622] [3.622][3.858]
348[13.701]
360.9[14.209]
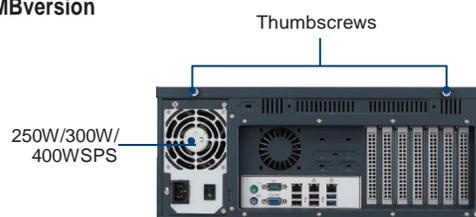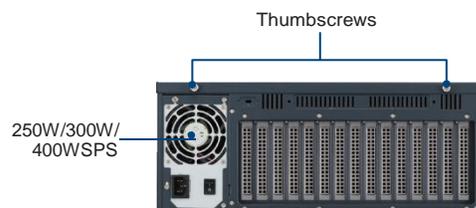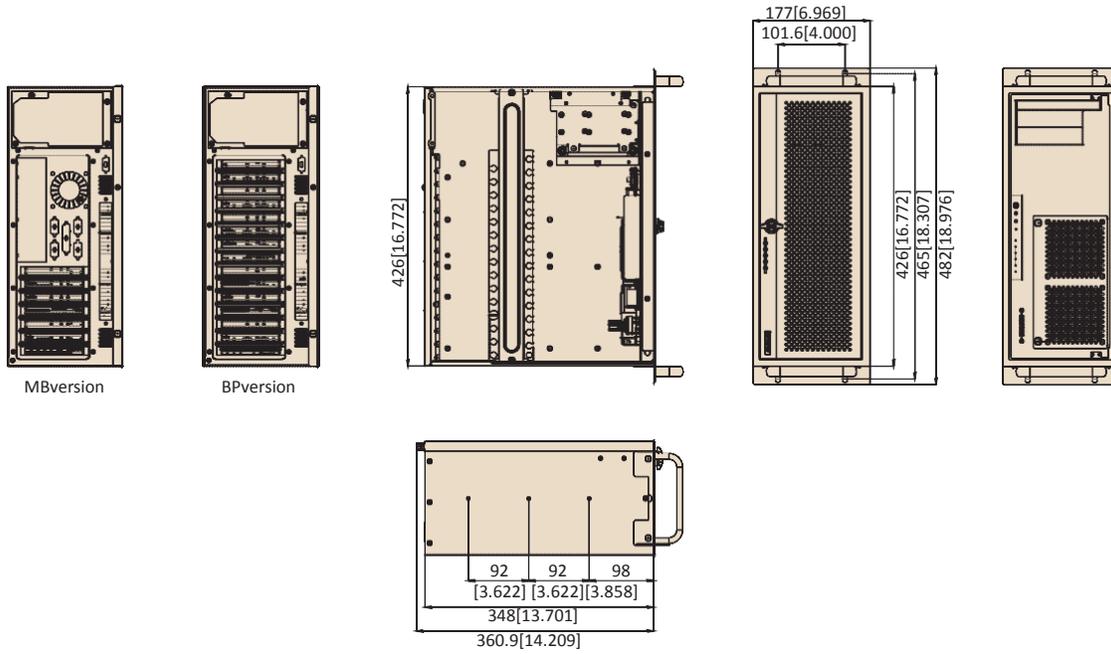
OrderingInformation

PartNumber	PowerSupply	Wattage	Switchtype
BackplaneVersion			
ACP-4020BP-	PS8-250ATX-ZE	250W	ATX
25ZEACP-4020BP-	PS8-300ATX-	300W	ATX
30ZEACP-4020BP-	ZBEPS8-	400W	ATX
40ZE			
MotherboardVersion	PS8-250ATX-ZE	250W	ATX
ACP-4020MB-	PS8-300ATX-	300W	ATX
25ZEACP-4020MB-	ZBEPS8-	400W	ATX

OptionalAccessories

PartNumber	Description
IPC-DT-3120E	Drivebaymoduleconverting13.5"to2hot-
swap2.5"96CB-SATAPOWER-6P2	SATApowerwire6-pintobig4-

SupportedBackplanes

PartNumber	Description
PCE-3B12-08	PICMG1.3BPwith1PCIex16,2PCIex1,8P CIslots(forPCE-3028&PCE-
PCE-4B13-08	4128)PICMG1.3BPwith2PCIex8,2PCIex 1,

SpareParts

Partnumber	PCI	PCIex16	PCIex8	PCIex4	PCIex1
PICMG1.3backplane					
PCE-3B12-08	8	1	-	-	2
PCE-4B13-08	8	-	2	-	2
PCE-4B12-03	3	-	1	4	3
PCE-4B13-00	-	-	1	11	-