IPC-623

4U 20-Slot Rackmount Chassis

CE FCC

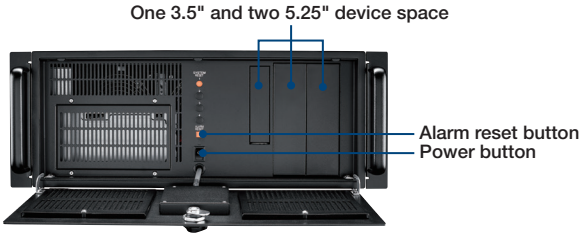
Features

- 4U rackmount chassis supports up 20 slot or 4-system backplane
- Support 500W or 1200W single power supply
- Two external 5.25" and one 3.5" shockproof drive bays
- Three 12 cm / 150 CFM cooling fans
- Dual top cover designed for easy maintenance
- Six easily replaceable air filters provide good airflow
- Built in Intelligent System module enabling whole system fan control and emote manageability

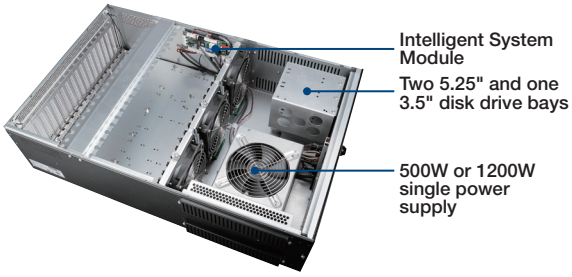
Specifications

Drive Bay		External	
	3.5"	1	
	5.25"	2	
Cooling	Fan	3 (12 cm 150 CFM each)	
	Air Filter	4 (200 x 45 mm) + 2 (128 x 95 mm)	
Miscellaneous	LED Indicators	Power, HDD, fan, temperature, and power voltage status	
	Control	Power switch, system reset (reserve 3 more for quad-system) and alarm reset buttons	
Intelligent System Module Remote Monitoring	CPU/System fan speed, CPU/system temperature, motherboard voltage (Only selected Advantech MBs/CPU card with WISE-PaaS/RMM installed can fully enable these functions, check with Advantech local rep. for detail 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% @ 40 °C, non-condensing
	Vibration (5 ~ 500 Hz)	1 Grms	2 G
	Shock	10G (with 11ms duration, 1/2 sine wave)	
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 657 mm (19" x 7" x 26")	
	Weight	27.4 kg (60.41 lb)	

Front View

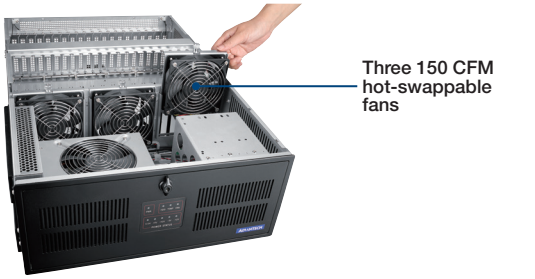


Inside View



Rear View

Inside View

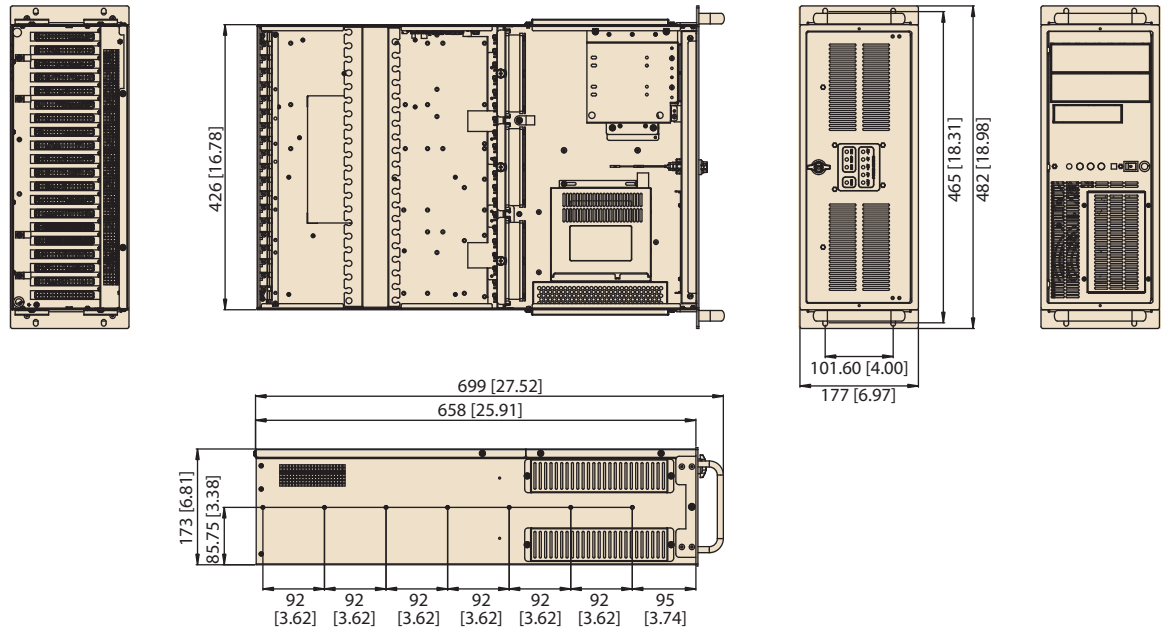


All product specifications are subject to change without notice.

Last updated: 2-Aug-2024

Dimensions

Unit: mm [inch]



Ordering Information

Part Number	Power Supply	Power Supply Type	Wattage	80 Plus Grade	Switch Type
IPC-623BP-50ZD	96PS-A500WPS2B	Single	500W	Bronze	ATX
IPC-623BP-1KZC	96PS-A1K2WPS2G	Single	1200W	Gold	ATX

Note : Choose power cord with IEC C19 plug for IPC-623BP-1KZC

Packing List

Part Number	Description	Quantity
IPC-623	4U , 20 slot chassis with handle set	1
1750007931-01	system fan	3
1700002459	Reset button with wire	1
2130004800S000	door filter (front)	2
2130004799S000	door filter (side)	4
1960002462	key set	1
Content of Accessory Box		
98R26230000	Handle set	1
2001062300	User manual	1

Backplane Options

Part Number	Description
PICMG 1.3 Backplane	
PCE-7B19-88B1E	2 PICeX8,8 PCIX,8 PCI
PCE-5B18-88B1E	1 PICeX16,8 PCIX,8 PCI
PICMG 1.0 Backplane	
PCA-6120P18-0A2E	1 ISA, 17 PCI, 1 PICMG/PCI
PCA-6120P12-0A3E	7 ISA, 11 PCI, 1 PICMG/PCI

Optional Accessories

Part Number	Description
1600002166	AT switch
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.