IPC-623

4U 20-Slot Rackmount Chassis
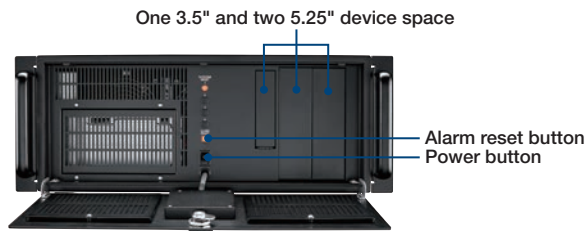
NEW

PICMG 1.0
PICMG 1.3

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
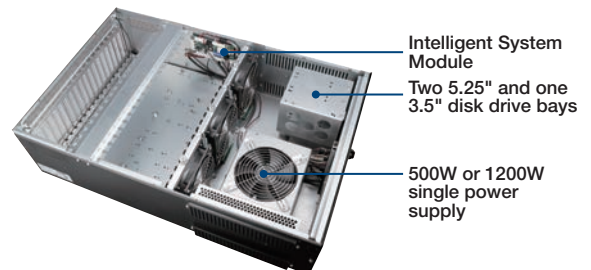- Built in Intelligent System module enabling whole system fan control and emote manageability

Specifications

		External	
Drive Bay	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)		
		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% @ 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

One 3.5" and two 5.25" device space

Alarm reset button
Power button

Inside View

Intelligent System Module
Two 5.25" and one 3.5" disk drive bays
500W or 1200W single power supply

Rear View

Inside View

Three 150 CFM hot-swappable fans

Dimensions

Unit: mm [inch]

426 [16.78]

699 [27.52]
658 [25.91]
173 [6.81]
85.75 [3.38]

92 [3.62] 92 [3.62] 92 [3.62] 92 [3.62] 92 [3.62] 92 [3.62] 95 [3.74]

465 [18.31] 482 [18.98]

101.60 [4.00]
177 [6.97]
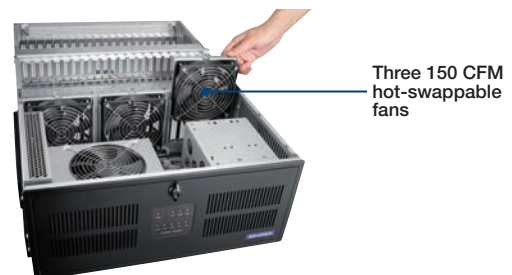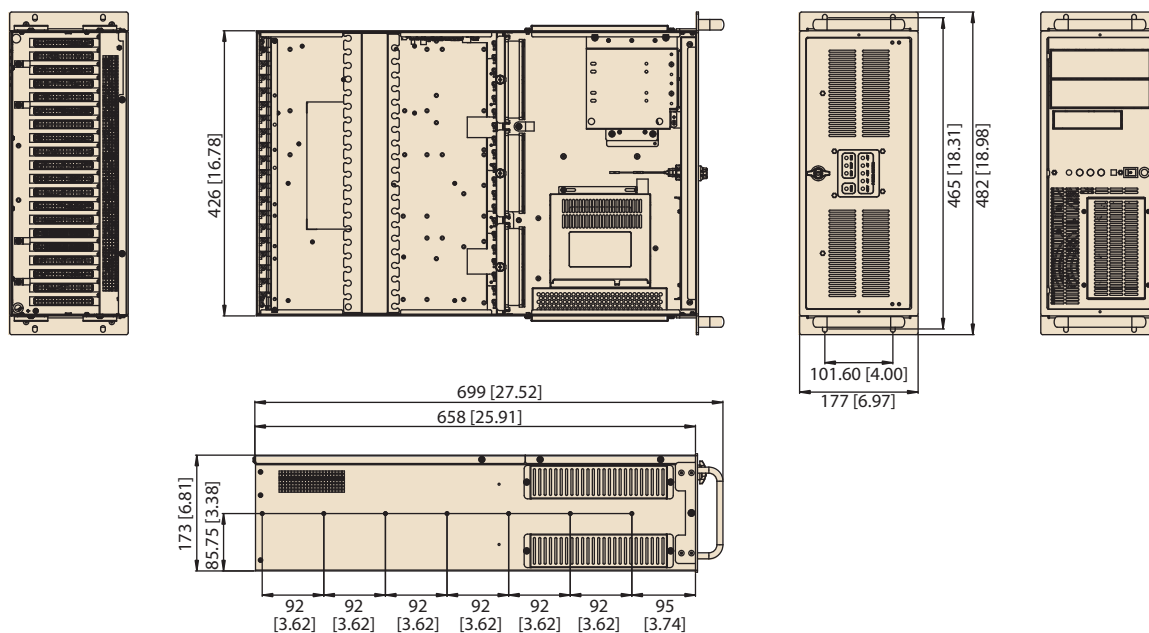
Ordering Information

Part Number	Power Supply	Power Supply Type	Wattage	80 Plus Grade	Switch Type
IPC-623BP-50ZC	96PS-A500WPS2G	Single	500W	Gold	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	
Content of Accessory Box		
98R26230000	Handle set	1
	Screws/nuts and rubber for motherboard and device	one bag
2001062300	User manual	1

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.

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
PCE-5B16Q-02A1E	Quad Seg BP,4 PCIeX16,8 PCI
PCE-5B12-00A1E	10 PCIeX16, 1 PCIeX4
PCE-5B19-00A1E	17 PCIeX16, 1 PCIeX4
PICMG 1.0 Backplane	
PCA-6120P18-0A2E	1 ISA, 17 PCI, 1 PICMG/PCI
PCA-6120P4-0B2E	14 ISA, 4 PCI, 1 PICMG/PCI
PCA-6119P7-0C2E	10 ISA, 7 PCI, 1 PICMG/PCI
PCA-6120P12-0A3E	7 ISA, 11 PCI, 1 PICMG/PCI
PCA-6120Q-0B3E	5-5-5-5 ISA