

IPC-623

4U 20-Slot Rackmount Chassis

Preliminary

PICMG 1.0

PICMG 1.3



Features

- 4U rackmount chassis supports up to 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 remote manageability

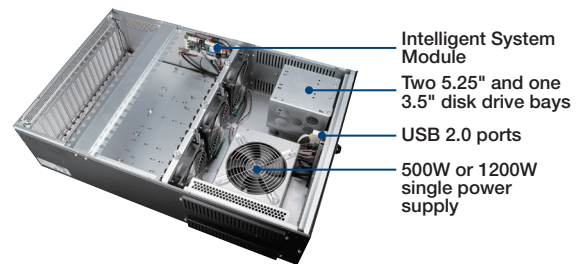
CE FCC

Specifications

		External	Internal
Drive Bay	3.5"	1	-
	5.25"	2	-
Cooling	Fan	3 (12 cm 150 CFM each)	
	Air Filter	4 (200 x 45 mm) + 1 (128 x 95 mm)	
Front I/O interface	USB 2.0	2	-
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	Temperature	Operating 0 ~ 40 °C (32 ~ 104 °F)	Non-Operating -20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	10 ~ 85% @ 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	26 kg (57 lb)	

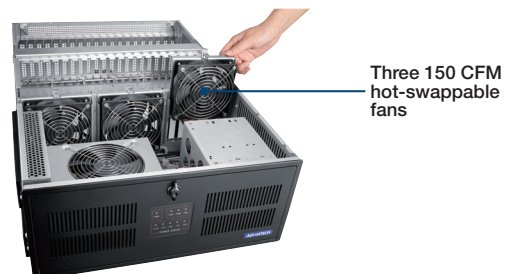
Front View

Inside View



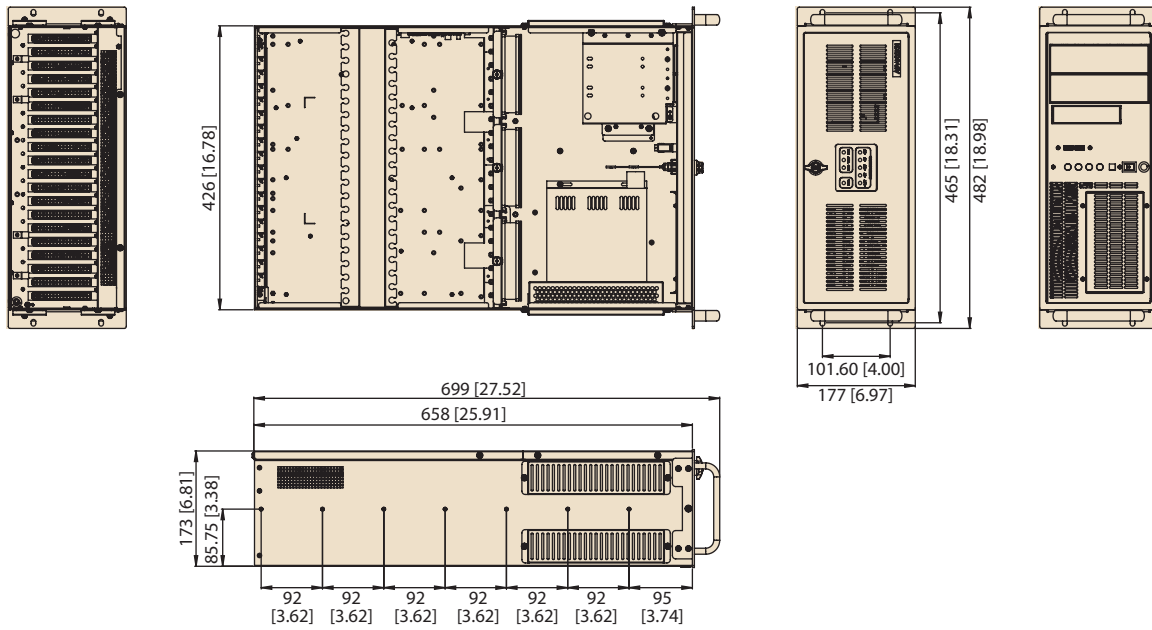
Rear View

Inside View



Dimensions

Unit: mm [inch]



Ordering Information

Part number	Power Supply	Wattage	80 Plus grade	Switch Type
IPC-623BP-50ZC	96PS-A500WPS2G	500W	Gold	ATX switch
IPC-623BP-1KZC	96PS-A1K2WPS2*	1200W	Gold	ATX switch

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

Optional Accessories

Part Number	Description
IPC-DT-3120E	Mobile rack for converting a 3.5" drive bay to dual 2.5" SATA HDD trays
IPC-DT-5230E	Mobile rack for converting dual 5.25" drive bays to three 3.5" SATA HDD trays
1700002459	Reset button with wire
1600002166	AT switch

Spare Parts

Part Number	Description
2130004799S000	Side filter 45 x 200 x 6 mm
2130004800S000	Door filter 130 x 95 x 6 mm