IPC-622

6U 20-Slot Rack-mount Short Depth Chassis with Redundant Power Supply

CE FCC

Features

- 6U rackmount chassis supports PICMG 1.0/1.3 20 slots backplane
- Supports Mini-redundant power supply up to 750W
- LED indicators and audible alarm notification for system fault detection
- Four 9 cm / 53 CFM ball-bearing system fans for excellent cooling
- Front accessible fan filters for easy maintenance
- Lockable front door prevents unauthorized access
- Built-in Intelligent System Module enabling whole system fan control and remote manageability

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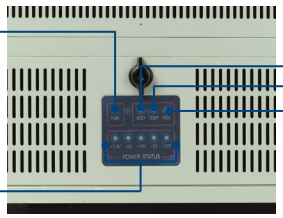
Specifications

Drive Bay		Front-accessible	Internal
	5.25"	4	-
	3.5"	-	2
Cooling	Fan	4 (9 cm / 58 CFM each)	
	Air Filter	Yes (Front accessible)	
Front I/O Interface	USB	2 (default) and reserve up to 4 sets of dual USB ports in the front	
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	
	Rear Panel	Four 9-pin D-sub openings	
Intelligent System Module Remote Monitoring	CPU/System fan speed , CPU/System temperature , motherboard voltage (Only selected Advantech MBs/CPU cards with WISE-PaaS/RMM installed can fully enable these functions, check with Advantech local rep. for detailed 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)	0.5 Grms	1 G
	Shock	5G (with 11 ms duration, half sine wave)	
Physical Characteristics	Dimensions (W x H x D)	482 x 266 x 465 mm (19" x 10.5" x 18.3")	
	Weight	30.0 kg (66 lb)	

Front view



Inside View

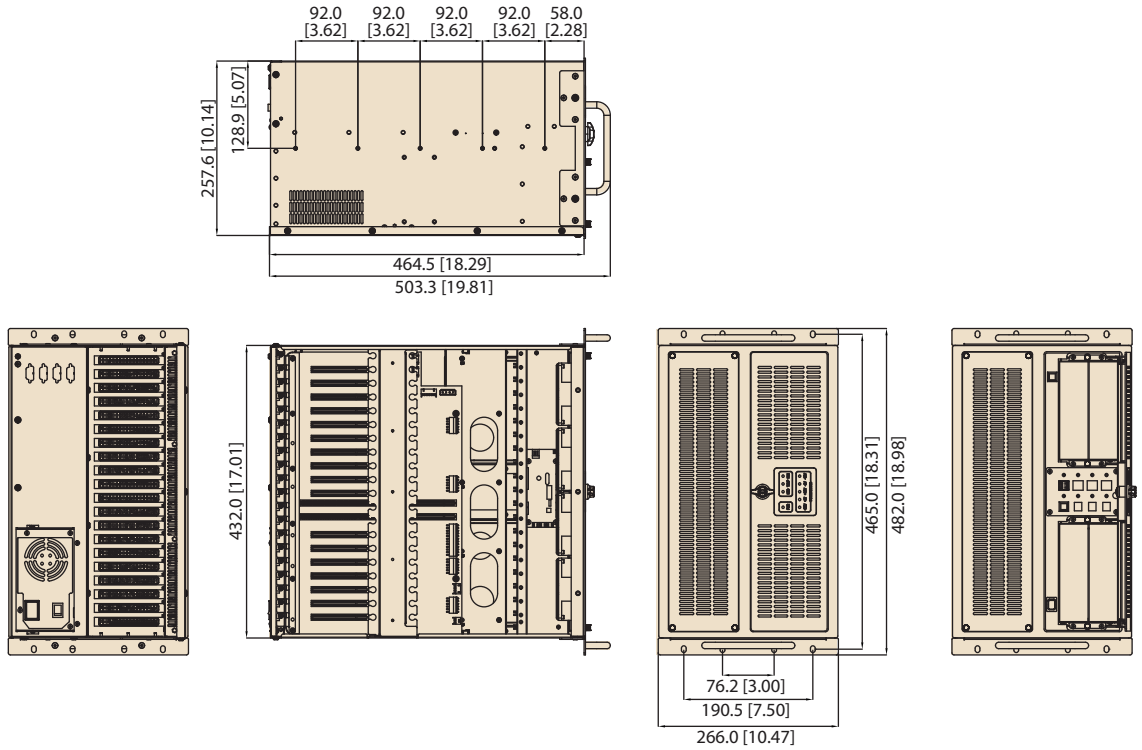
Rear View

All product specifications are subject to change without notice.

Last updated: 10-Apr-2019

Dimensions

Unit: mm [inch]



Ordering Information

Part Number	Description
IPC-622BP-00DE	W/O power supply, with AT switch

Power Supply Options

Part Number	80 Plus Grade	Wattage	Type	Input
PS8-400ATX-ZE	Bronze	400W	Single	AC 100 ~ 240V (full range)
PS8-500ATX-ZE	Bronze	500W	Single	AC 100 ~ 240V (full range)
PS8-700ATX-ZE	Bronze	700W	Single	AC 100 ~ 240V (full range)
RPS8-500ATX-XE (1+1 redundant)	Bronze	500W	1+1 Redundant	AC 100 ~ 240V (full range)
RPS8-750ATX-XE (1+1 redundant)	Gold	750W	1+1 Redundant	AC 100 ~ 240V (full range)

Optional Accessories

Part Number	Description
1700002444	Reset button with wire
1700007032	Dual USB connector with wire
IPC-DT-5230E	Mobile rack for converting dual 5.25" drive bays to three 3.5" SATA HDD trays
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.

Spare Parts

Part Number	Description
2130004802S000	Door filter 142 x 97 x 5 mm
2130004804S000	Fan filter 382 x 93 x 5 mm