IPC-610-H

4U Rackmount Chassis with Visual Alarm Notification

PICMG 1.0
PICMG 1.3

CE FCC

Features

- 4U rackmount chassis supports up to 15 add-on cards
- Shock-resistant disk drive bay design holds up to three 5.25" and one 3.5" disk drives
- Front accessible USB & PS/2 interfaces for easy data transfer
- Dual front-accessible filtered cooling fans provide optimized and streamlined airflow
- Front LEDs indicate power status, and HDD activity
- Lockable front door prevents unauthorized access
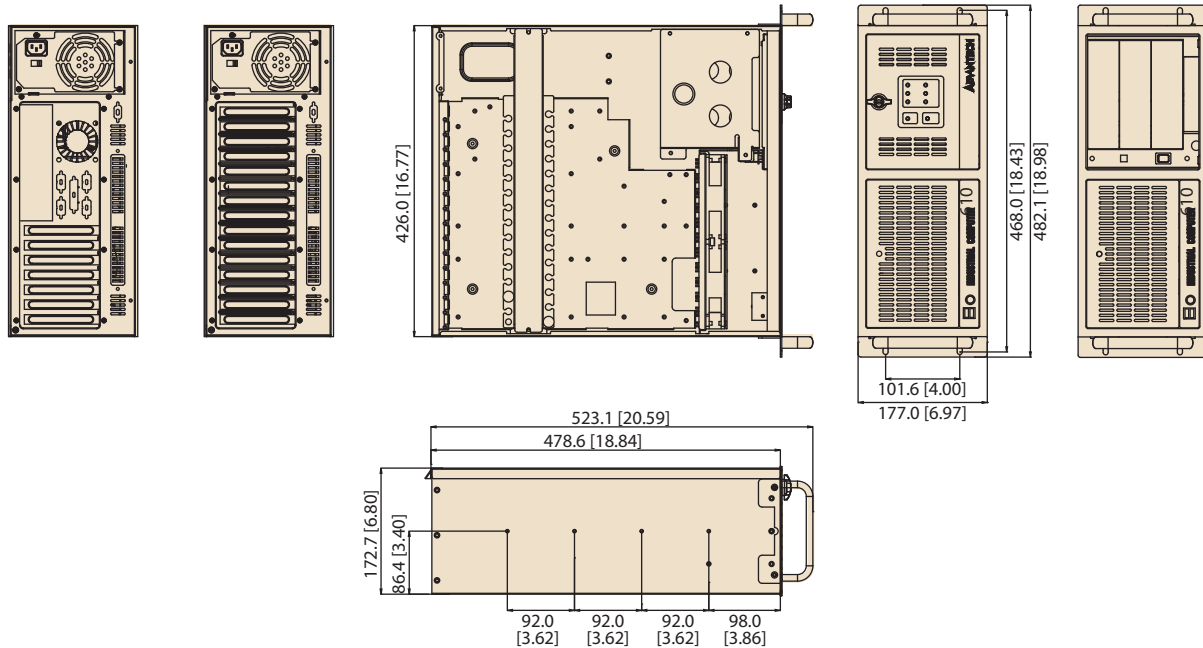- Supports 80 plus single power supply or redundant power supply up to 500W

Specifications

		External	
Drive Bay	3.5"	1	
	5.25"	3	
Cooling	Fan	2 (12 cm / 82 CFM each)	
	Air Filter	Yes	
Front I/O Interface	USB	2	
	PS/2	1	
Miscellaneous	LED Indicators	Power, HDD, and power voltage status	
	Rear Panel	Backplane version: One 9-pin D-Sub opening Motherboard version: Five 9-pin D-Sub & one 25-pin D-sub openings	
		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
Physical Characteristics	Dimensions (W x H x D)	482 x 177 x 479 mm (19" x 7" x 18.9")	
	Weight	15 kg (33 lb)	

System reset button
Power switch
USB & PS/2
Three 5.25" drive bays (Devices not included)
One 3.5" drive bay

Hold-down clamp

Two easy-to-maintain fans

ADVANTECH | **Industrial Chassis**

Dimensions

Unit: mm [inch]

Ordering Information

Part Number	Power Supply	Switch Type
Backplane Version		
IPC-610BP-30HD	PS8-300ATX-ZBE	ATX
IPC-610BP-50HD	PS8-500ATX-BB	ATX
Motherboard Version		
IPC-610MB-30HD	PS8-300ATX-ZBE	ATX
IPC-610MB-50HD	PS8-500ATX-BB	ATX

Optional Accessories

Part Number	Description
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
2130006147S000	Door filter 97.6 x 36.6 x 5 mm
2130004803S000	Fan filter 115 x 195 x 5 mm