IPC-7220

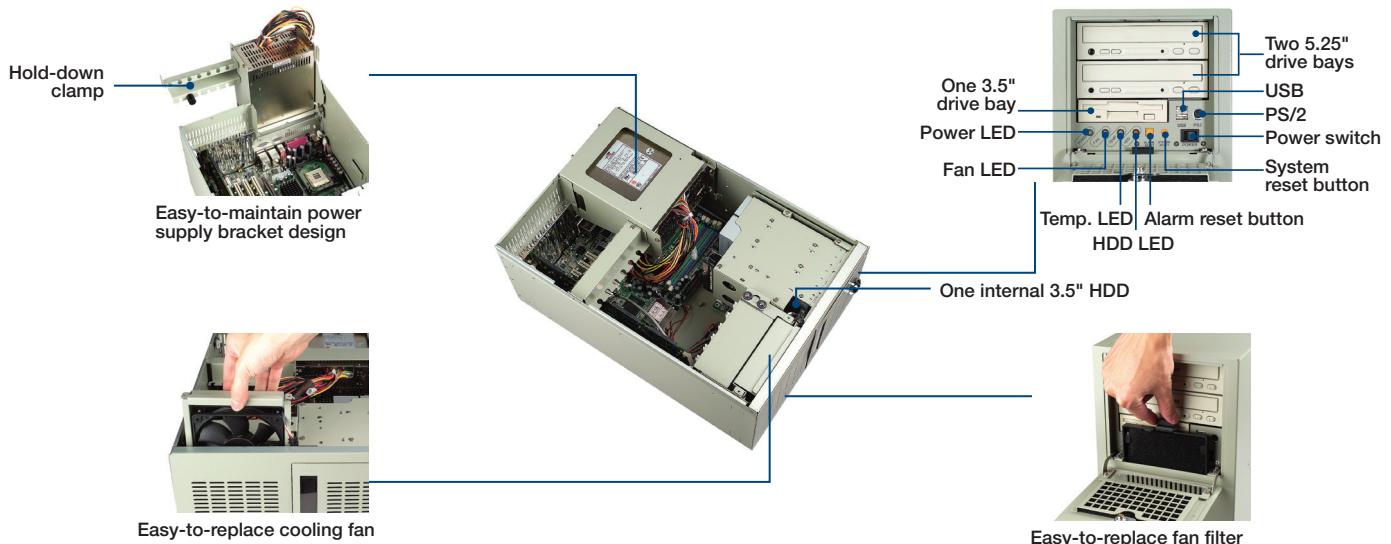## Desktop/wallmount Chassis for ATX/mATX Motherboard

Features

- Two 5.25" and two 3.5" shock-resistant drive bays
- Lockable front door to prevent unauthorized access
- LED indicators and alarm notification for system fault detection
- Easy-to-maintain system fan and air filter
- Low noise PWM controlled
- Built-in Intelligent System Module enables whole system fan control and remote manageability
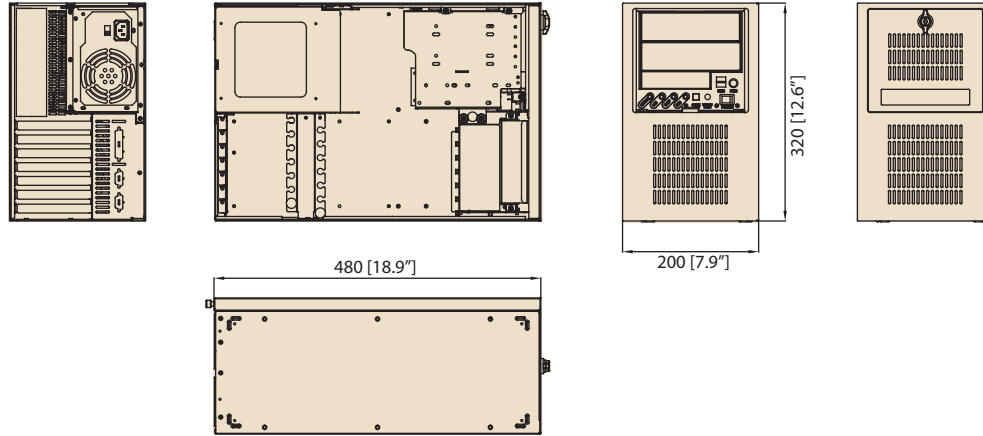
CE FCC

Quiet

Specifications

		External	Internal
Drive Bay	5.25"	2	-
	3.5"	1	1
Cooling	Fan	1 (12 cm / 82 CFM)	
	Air Filters	2 (one 7 x 12 cm and one 12 x 12 cm)	
	Smart Fan	System fan speed referring to chassis thermal sensor, or CPU temperature (Available with selected Advantech AIMB-78X, PCE-51XX/71XX mainboards)	
Front I/O Interface	USB 2.0	2	
	PS/2	PS/2 keyboard and mouse, or PS/2 keyboard depends on the enclosed motherboard	
Miscellaneous	LED Indicators	Power, HDD, temperature and fan	
	Control	Power switch, system reset and alarm reset buttons	
	Rear Panel	Reserved Two 9-pin D-Sub openings, one LPT opening	
Intelligent System Module Hardware Monitoring		CPU/System fan speed , CPU/System temperature (Only Advantech AIMB-78X, PCE-51XX/71XX mainboards can enable CPU fan speed and temperature monitoring function of Intelligent System Module)	
Environmental		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	10 G (with 11 ms duration, half sine wave)	
Physical Characteristics	Dimensions (W x H x D)	200 x 320 x 480 mm (7.9" x 12.6" x 18.9")	
	Weight	14 kg (30.8 lb)	

Hold-down clamp

Easy-to-maintain power supply bracket design

Easy-to-replace cooling fan

Two 5.25" drive bays
One 3.5" drive bay
USB
Power LED
PS/2
Power switch
Fan LED
System reset button
Temp. LED
Alarm reset button
HDD LED
One internal 3.5" HDD

Easy-to-replace fan filter

ADVANTECH Industrial Chassis

Dimensions

Unit: mm [inch]

480 [18.9"]

320 [12.6"]

200 [7.9"]

Installation

Unit: mm [inch]

153.10 [6.03]   153.10 [6.03]

350 [13.78]
334.60 [13.17]

230 [9.06]
214.60 [8.45]

8-Ø10
Ø8-5.2
6-Ø5.20

24 [0.94]   282.2 [11.11]   24 [0.94]
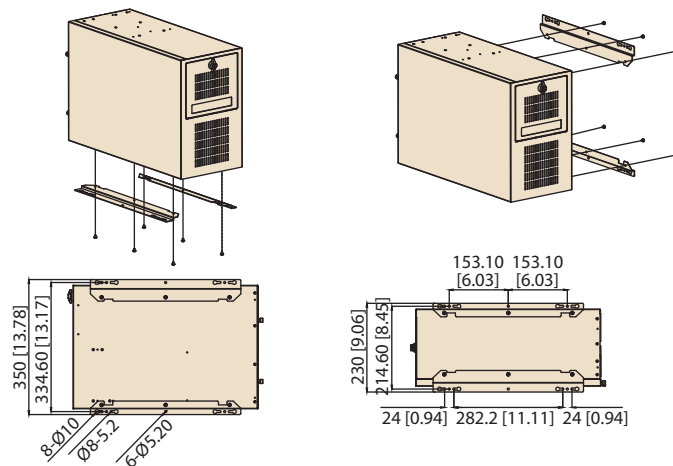
Ordering Information

Part number	Power Supply	Wattage	Switch Type
IPC-7220-30C	PS8-300ATX-ZBE	300W	ATX
IPC-7220-50C	PS8-500ATX-BB	500W	ATX

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 2.5" or 3.5" SATA HDD trays