

IEC-100

1U RackServer

For ATX motherboard
with 1 PCI extension slot,
200 Watt Power Supply,
1x 5¼" and 1x 3½" drive



General Specifications

Dimensions

483 x 44.5 (1U) x 535 WxHxD mm

Weight

Netto 7.2 kg (15.9 lbs)

(without backplane, drives and power supply)

Color

Black

Construction

Heavy-duty steel chassis

Disk drive bay

one 5¼" drivebay for CDROM (acesible from front panel) and two 3½" drives (one accesible from front)

Cooling fans

4 heavy duty 6.5 CFM ball bearing fans,
two on front panel and one on each side panel

Controls on Front Panel

Power On/Off switch, RESET button

Indicators on Front panel

Power ON, HDD activity

Connector on Front panel

Pre-wired 5-pin DIN connector for keyboard

USB connector for USB peripherals

Motherboard option

Single or Dual full-size ATX motherboard

Riser Card

32-bit PCI with 1 extension slot at 90°

for motherboard solution

Passive backplane option

optional 2 slot full PICMG (PCI/ISA) backplane
for one CPU card and one ISA add-on card

Power Supply Options

IPS-PIA-6200P (Standard)

200 Watt 1U ATX Power Supply

V_{INPUT} : 95~265 VAC @ 47~63 Hz, switchable

V_{OUTPUT} (max.) : +3.3 V @ 14A, +5 V @ 25A,

+12 V @ 8A, -5 V @ 0.5 A, -12V @ 0.5A,

+5 Vsb @ 1.5 A

V_{OUTPUT} (min.) : +3.3V @ 1 A, +5 V @ 3 A,

+12V @ 2 A

IPS-PIG-6250P

250 Watt 1U ATX Power Supply

V_{INPUT} : 95~265 VAC @ 47~63 Hz, switchable

V_{OUTPUT} (max.) : +3.3 V @ 14A, +5 V @ 25A,

+12 V @ 12A, -5 V @ 0.5A, -12V @ 1.0A,

+5 Vsb @ 1.5 A

V_{OUTPUT} (min.) : +3.3V @ 1A, +5 V @ 1A,

+12V @ 0.2A

IPS-D1U-6180F

150 W, DC/DC ATX (200 x 100 x 40.5 mm)

V_{INPUT} : -40 ~ -56 V_{DC} @ -42 V_{DC})

V_{OUTPUT} (max.) : +3.3 V @ 12A, +5 V @ 20A,

+12 V @ 7A, -5 V @ 0.5A, -12V @ 1A,

+5 Vsb @ 1.5A

V_{OUTPUT} (min.) : +3.3 V @ 1A, +5 V @ 1A,

+12 V @ 0.5A

Environmental

Operating Temperature

0~45°C (0~75°C non-operating)

Altitude

3000 m (10,000 ft.)

Shock

2.5G @ 15-20ms

(35G @ 15-20ms non-operating)

Vibration

5~17 Hz, 0.1" double amplitude displacement;

17 ~ 500 Hz, 1.5 G acceleration

(operating and non-operating)



Single or Dual full-size ATX motherboard with 32-bit PCI Riser Card

1U, 250 Watt ATX Power Supply

1 x 3½" internal drivebay

Power On/Off, RESET, Power and HDD LED and Keyboard connector

2x heavy duty cooling fans with air filter

1x 5¼" and 1 x 3½" drivebays behind lockable front door



Ordering

IEC-100A-B :
1U Rackmount Chassis for ATX Motherboard including 1-slot PCI riser card (black)

IEC-100A-B-AX200 :
1U Rackmount Chassis for ATX Motherboard with 200 Watt ATX Power Supply including 1-slot PCI riser card (black)

