IEC-100

1U RackServer

For ATX motherboard with 1 PCI extension slot, 200 Watt Power Supply, 1x 51/4" and 1x 31/2" drive



General Specifications

Dimensions

483 x 44.5 (1U) x 535 WxHxD mm

Weiaht

Netto 7.2 kg (15.9 lbs)

(without backplane, drives and power supply)

Color

Black

Construction

Heavy-duty steel chassis

Disk drive bay

one 51/4" drivebay for CDROM (accesible from front panel) and two 31/2" 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_{INTPUT}: 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

 $\rm V_{OUTPUT}$ (min.) : +3.3V @ 1 A, +5 V @ 3 A, +12V @ 2 A

IPS-PIG-6250P

250 Watt 1U ATX Power Supply

V_{INTPUT}: 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

 $V_{\mbox{\scriptsize OUTPUT}}$ (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_{INTPUT} : -40 ~ -56 V_{DC} @ -42 V_{DC})

 $\begin{array}{c} V_{\text{OUTPUT}} \; (\text{max.}) : +3.3 \; \text{V} \; @ \; 12\text{A,} \; +5 \; \text{V} \; @ \; 20\text{A,} \\ +12 \; \text{V} \; @ \; 7\text{A,} \; -5 \; \text{V} \; @ \; 0.5\text{A,} \; -12\text{V} \; @ \; 1\text{A,} \\ \end{array}$

+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

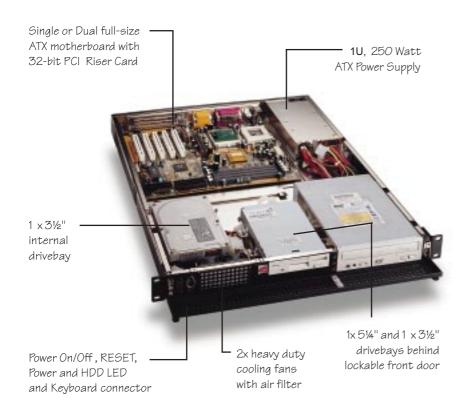
(35G @ 15-20ms non-operating)

(operating and non-operating)

Vibration

5~17 Hz, 0.1" double amplitude displacement; 17 ~ 500 Hz, 1.5 G acceleration





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 Warr ATX Power Supply including 1-slot PCI riser card (black)

