

IBB4P

4U 14-slot Industrial Rackmount Chassis



Ordering Information

IBB4P-40

4U rackmount, 19" chassis
PSU, IB-400ATX

IBB4P-32

4U rackmount, 19" chassis
PSU, IB-320ATX

IBM4P

4U rackmount, 19" chassis
Without PSU

Backplane Options

PBP-14I

14-slot ISA

PBP-14AC

14-slot; 12 x PCI, active PICMG

PBP-14A7

14-slot; 7 x PCI, active PICMG

PBP-14P4

14-slot; 4 x PCI, PICMG

PBP-13D4

13-slot dual-system PICMG

Rack Slide Option

Please ask about slide rail when ordering.

Function Panel Display Option

Please ask about the single or dual system display panels when ordering.

CD ROM and FDD Option

Please ask about a kit for holding one CD-ROM and one FDD within a 3.5" drive bay when ordering.

Specifications

Dimensions

- 4U Height
- 7"(H) x 19"(W) x 17.7"(D)
177mm(H) x 482mm(W) x 450mm(D)

Standard Colour Options

- Beige or Black

Passive Backplane

- 14-slot ISA
- 14-slot; 12 x PCI, active PICMG
- 14-slot; 7 x PCI, active PICMG
- 14-slot, 4 x PCI, PICMG
- 13-slot dual-system PICMG

Drive Bays

- Locking drive door
- Front-accessible disk drives
- Shock-proof
- Three (3) 5.25" & one (1) 3.5" FDD external
- One (1) 3.5 HDD internal

Cooling

- Two (2) 12 CMF & one (1) 8 CMF fans
- Front assessable & removable filter

Front Panel Controls

- Switches and indicators behind lockable door
- Power (on-off) and reset (system) switches
- Power (on-off) and HDD LED indicators
- One (1) PS/2 connector

Rear Panel

- Access window for power supply
- Access window (slot I/O brackets, connectors, etc.)

Power Supplies

IB-400ATX

- 400W PSU (AC, 90 – 264Vac full-range)
(+5V@42A), (+3.3V@20A),
(+12V@14A), (-12V@1A),
(-5V@1A), (+5Vsb@0.75A)

IB-320ATX

- 320W PSU (AC, 90 – 264Vac full-range)
(+5V@28A), (+3.3V@24A),
(+12V@19A), (-12V@0.8A),
(-5V@0.5A), (+5Vsb@2A)

Operating Environment

- Temperature: 0° to 40° C
- Humidity: 5% to 95% @40°C non-condensing
- Shock: 10G (with 11ms duration, half sine wave)
- Vibration: 1Grms @5-500Hz

Standards Compliance

- ESD: CE
- EMI: CE, FCC, UL/cUL
- Safety: UL/cUL, CE



IBB4P

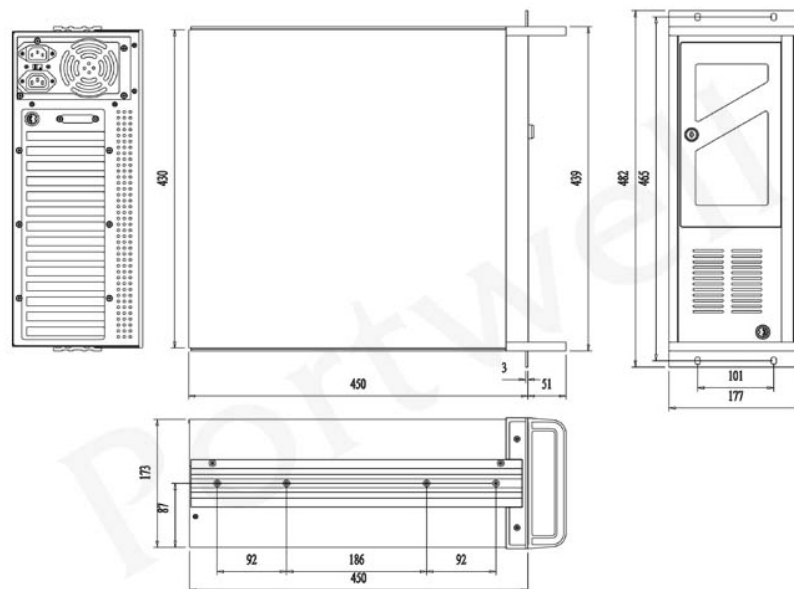
4U 14-slot Industrial Rackmount Chassis

The IBB4P is a 4U-high 14-slot rackmount industrial computer chassis designed for building mission-critical applications. The unit includes a versatile 14-slot passive backplane (optional), high-efficiency 400W, 320W, or redundant ATX with PFC (Power Factor Correction) power supply, and easy maintenance cooling fans.

The **IBB4P** Solution includes:

- Front-accessible PS/2 keyboard, cap included
- Power and reset switches inside the locable door
- Two ball-bearing cooling fans
- Shock-resistant disk drive bay holds three 5.25" and one 3.5" front-accessible disk drives
- Flexible mechanical design supports 400W, 320W, or redundant ATX power supply.
- One modularized function display panel for single (default) and dual (optional) systems
- Two card retainer positions

IBB4P Dimension Diagram



Units: mm

For Further Information



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