

IBB4

4U 14-slot Rackmount Chassis



Ordering Information Specifications

IBB4-40

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

IBB4-30

4U rackmount, 19" chassis
PSU, IB-300ATX

IBB-30D

4U rackmount, 19" chassis
PSU, IB-310-DC48

IBB-30Z

4U rackmount, 19" chassis
PSU, IB-300ATX-B

IBM4

4U rackmount, 19" chassis
Without PSU

PSU, IB-300ATX-B Backplane Options

Single Segment

IB-3P4R-0C1

7 ISA, 4 PCI, 2 PICMG

IB-4P4C

8 ISA, 4 PCI, 2 PICMG

IB-4P7-0D2

4 ISA, 6 PCI, 3 PICMG, 1
PCI/ISA

IB-4P10-B

2 ISA, 10 PCI, 2 PICMG

IB-4P12-0B1

1 ISA, 11 PCI, 1 PICMG/PCI, 1
PICMG

IB-3P7X

4 ISA, 7 PCI, 2 PICMG

IB-4-0B1

14 ISA

IB-4P12X-A1

1 ISA, 11 PCI, 1 PICMG, 1
PICMG/PCI

Dual Segment

IB-3DP4-0A1

2 ISA, 7 PCI, 3 PICMG, 1
PICMG/PCI

Rack Slide Option

Please ask about slide rail when
ordering.

Dimensions

- 4U Height
- 6.8"(H) x 19"(W) x 18.9"(D)
173mm(H) x 482mm(W) x 480mm(D)

Standard Colour

- Black: Pantone 4C 2X, textured

Passive Backplane

Single Segment

- 7 ISA, 4 PCI, 2 PICMG
- 8 ISA, 4 PCI, 2 PICMG
- 4 ISA, 6 PCI, 3 PICMG, 1 PCI/ISA
- 2 ISA, 10 PCI, 2 PICMG
- 1 ISA, 11 PCI, 1 PICMG/PCI, 1 PICMG
- 4 ISA, 7 PCI, 2 PICMG
- 14 ISA
- 1 ISA, 11 PCI, 1 PICMG, 1 PICMG/PCI

Dual Segment

- 2 ISA, 7 PCI, 3 PICMG, 1 PICMG/PCI

Drive Bays

- Locking drive door
- Front-accessible disk drives
- Shock-proof
- Three (3) 5.25" & one (1) 3.5"
- Storage Kit with CD-ROM & 3.5" FDD
- 5.25" compact storage kit with CD-ROM
and 3.5" drive bay for FDD or HDD
- 3.5" FDD with black bezel

Cooling

- Two (2) 84 CMF fans
- Front assessable & removable fans
- Removable front filter

Front Panel Controls

- Power (on-off or momentary) and reset
(system and alarm) switches behind
lockable door
- Two (2) USB connectors
- 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-300ATX

- 300W PSU (AC, 90 – 264Vac full-range)
(+5V@25A), (+3.3V@18A),
(+12V@16A), (-12V@0.5A),
(-5V@0.5A), (+5Vsb@2A)

IB-310-DC48

- 310W PSU (DC, 38 – 58Vdc)
(+5V@25A), (+12V@10A),
(-5V@1A), (-12V@5A)

IB-300ATX-B

- 300W PSU (AC, 90 – 264Vac full-range)
(+5V@30A), (+3.3V@28A),
(+12V@15A), (-12V@0.8A),
(-5V@0.3A), (+5Vsb@2A)

Operating Environment

- Temperature: 0° to 40° C
- Humidity: 10% to 95% @40°C
(non-condensing) Non-Operating
- 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



IBB4

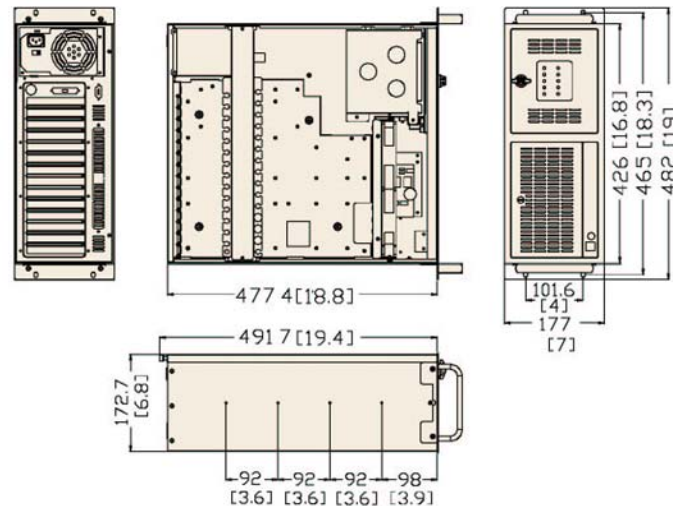
4U 14-slot Rackmount Chassis

The IBB4 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 400 or 300 W ATX with PFC (Power Factor Correction) power supply, and dual easy maintenance cooling fans. A fault detection and alarm notification system monitors the system status. A wide range of standard computing peripherals can be integrated with the chassis to meet different application requirements.

The **IBB4** Solution includes:

- Front-accessible and user-friendly USB and PS/2 keyboard
- Visible alarm notification improves system availability and reduces system downtime
- Compatible with Dialogic computer telephony (CT) boards providing access to a wide range of call processing applications
- Advanced cooling system, optimally placed, to cool the system's key components
- Shock-resistant disk drive bay holds three 5.25" and one 3.5" front-accessible disk drives
- Flexible mechanical design supports 300 W ATX PFC PS/2 power supply and 300 W ATX PFC redundant power supply

IBB4 Dimension Diagram



Units: mm(inch)

For Further Information



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