

# IBB4-20

## 4U 20-slot Rackmount Chassis



### Ordering Information Specifications

#### IBB4-20-400

4U rackmount, 19" chassis  
PSU, IB-1757

#### IBB4-20-300R

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

#### IBB4-20-400R

4U rackmount, 19" chassis  
PSU, IB-40X-V

#### IBB4-20-40RZ

4U rackmount, 19" chassis  
PSU, IB-40XZ-V

#### Backplane Options

##### Single Segment

#### IB-20-0B1

20 ISA

#### IB-20P4-0B1

14 ISA, 4 PCI, 2 PICMG

#### IB-19P7-0B1

10 ISA, 7 PCI, 2 PICMG/PCI

#### IB-19P17-0B1

16 PCI, 1 PICMG/PCI, 1 PICMG

#### IB-19P16X

1 ISA, 16 PCI, 2 PICMG

#### IB-20P12-0A1

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

#### IB-20P18-0A1

1 ISA, 17 PCI, 1 PICMG, 1 PICMG/PCI

##### Dual Segment

#### IB-20D-0B1

20 ISA

#### IB-20DP4-0B1

7 ISA, 6 PCI, 2 PICMG/PCI, 4 PICMG

#### IB-18DP7-0B1

1 ISA, 14 PCI, 3 PICMG

##### Quad Segment

#### IB-20Q-0B1

20 ISA

#### IB-16QP2-0B1

1 ISA, 8 PCI, 7 PICMG

#### Rack Slide, Cable, & Storage Options

Please ask when ordering.

#### Dimensions

- 4U Height
- 7"(H) x 19"(W) x 26"(D)  
177mm(H) x 482mm(W) x 660mm(D)

#### Standard Colour

- Black: Pantone 4C 2X, textured

#### Passive Backplane

##### Single Segment

- 20 ISA
- 14 ISA, 4 PCI, 2 PICMG
- 10 ISA, 7 PCI, 2 PICMG/PCI
- 16 PCI, 1 PICMG/PCI, 1 PICMG
- 1 ISA, 16 PCI, 2 PICMG
- 7 ISA, 11 PCI, 1 PICMG, 1 PICMG/PCI
- 1 ISA, 17 PCI, 1 PICMG, 1 PICMG/PCI

##### Dual Segment

- 20 ISA
- 7 ISA, 6 PCI, 2 PICMG/PCI, 4 PICMG,
- 1 ISA, 14 PCI, 3 PICMG

##### Quad Segment

- 20 ISA
- 1 ISA, 8 PCI, 7 PICMG,

#### Drive Bays

- Three (3) front-accessible half-height drives
- One (1) hard drive, one (1) 3.5" floppy & one (1) internal 3.5" hard drive
- 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
- Shock-proof

#### Front Panel

- Power on/off, alarm reset, and system reset switches
- Access for hot-swap redundant power supply
- LED indicators, power status, power, HDD, TEMP, and fan LED's

#### Rear Panel

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

#### Cooling

- Three (3) 86 CMF hot-swap fans
- Front assessable & removable fans
- Removable front filter

#### Power Supplies

##### IB-300V

- 300W AT (AC, 115/230Vac selectable)  
(+5V@30A), (-5V@0.5A),  
(+12V@12A), (-12V@0.5A),

##### IB-40XZ-V

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

##### IB-1757

- 400W AT single PSU (AC, 115/230Vac selectable)  
(+5V@40A), (-5V@0.5A),  
(+12V@20A), (-12V@1A),

#### Operating Environment

- Temperature: 0° to 45° C
- Humidity: 10% to 95% @40°C (non-condensing)
- Shock: 10G peak to peak, 11ms peak to peak,
- Vibration: 0.5G @5-500Hz sine wave  
1G @5-500Hz (rms) random

#### Standards Compliance

- CE compliant
- C- UL approved



## IBB4-20

### 4U 20-slot Rackmount Chassis

The IBB4-20 is a 4U 19" rackmount chassis that is ideal for CTI applications, industrial automation systems and mission-critical applications.

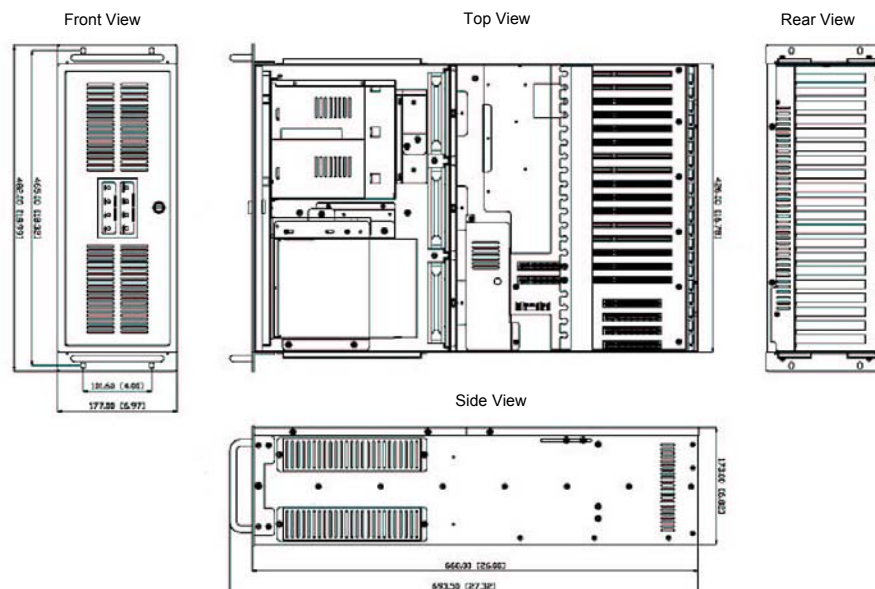
The IBB4-20 can hold either a single PC system or multi-PC systems in a single chassis, and can be configured with a 300 W redundant power supply or a 400 W single power supply. A 20-slot PCI/ISA backplane fits easily, as well as a wide variety of multi-segment PCI/ISA or ISA backplanes. Some come with a PCI bridge to support more PCI slots for different applications. Outstanding features include a drive bay that holds three half-height drives and one 3.5" floppy drive, with space for another 3.5" hard drive inside the chassis.

In addition, the IBB4-20 also features advanced fault resilient capabilities. Power failure, fan failure or overheating activates an audible alarm to notify that immediate maintenance is necessary.

The **IBB4-20** Solution includes:

- Front-accessible and hot-swap redundant power supply
- 4U-high 20-slot rackmount chassis, up to 4 segments
- Fault detection/alarm notification
- Three hot-swap 86-CFM cooling fans

### IBBP4 Dimension Diagram



Units: mm(inch)

### For Further Information



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