

IEC-620

Fault Resilient 6U 19" Rackmount Chassis

Supports up to 4 separate systems,
with redundant Power Supply"



The IEC-620 is a rugged 19" multisystem rackmount chassis specially built for highly integrated solutions. The system offers space to a 20-slot ISA or PCI/ISA passive backplane that can be optionally replaced by a segmented dual or quad system PCI/ISA backplane. The IEC-620 offers space to up to eight internal drives, of which 6 are accessible from behind the front panel door.

System Monitoring

To protect your application, the IEC-620 comes with 4 cooling fans and advanced system monitoring circuit. A LED display on the front panel indicates internal temperature, fan activity, HDD activity and power status.

General Specification

Construction

heavy-duty steel

Disk Drive Capacity

four 5¼" drive bays (accessible from the front panel) and four 3½" FDD/HDD bays (two accessible from the front panel)

Cooling System

five cooling fans

Keyboard Connectors

four 5-pin DIN connectors on front

Switches

4 reset switches for separate systems, central power On/Off

Indicators

4x power On/Off, 6x HDD activity, 4x cooling fan operation, temperature indicator, 2x power supply on-line

Alarm

audible alarm when power supply or fans fail

Dimensions

431 (W) x 263.5 (H) x 480 (D) mm

Weight

Net 16 kg (35 lb.)

(without backplane, drives and power supply)

Environmental

Operating Temperature

32 to 122°F (0 to 50°C)

Relative Humidity

10 to 95% @ 40°C, non-condensing

Vibration (operating)

5 to 17 Hz, 0.1" double amplitude, 17 to 500 Hz, 1.5G acceleration peak to peak

Safety UL/CSA/TÜV/CE/FCC

EMI meets FCC/VDE Class A

Power Supply Options

IPS-SP2-4300

300 W Power Supply

V_{INPUT} : 95~132 V_{AC} or 190~263 V_{AC}

@ 47~63 Hz, switchable

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

+12 V @ 14 A, -5 V @ 0.5 A, -12V @ 0.5 A

V_{OUTPUT} (min. load) : +5V @ 7 A, +12 V @ 2.5 A

IPS-SP2-4400

400 W Power Supply

V_{INPUT} : 95~132 V_{AC} or 190~263 V_{AC}

@ 47~63 Hz, switchable

V_{OUTPUT} (max. load) : +5 V @ 40 A,

+12 V @ 16 A, -5 V @ 1 A, -12V @ 1 A

V_{OUTPUT} (min. load) : +5V @ 7 A, +12 V @ 2.5

IPS-RAH-4300F

2x 300 W Redundant Power Supply

V_{INPUT} : 90~132 V_{AC} or 180~260 V_{AC}

@ 47~63 Hz, switchable

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

+12 V @ 14 A, -5 V @ 0.5 A, -12V @ 0.5 A

V_{OUTPUT} (min. load) : +5V @ 7 A, +12 V @ 2.5 A

IPS-RAH-4400F

2x 400 W Redundant Power Supply

V_{INPUT} : 90~132 V_{AC} or 180~260 V_{AC}

@ 47~63 Hz, switchable

V_{OUTPUT} (max. load) : +5 V @ 32 A,

+12 V @ 22 A, -5 V @ 1 A, -12V @ 1 A

V_{OUTPUT} (min. load) : +5V @ 7 A, +12 V @ 2.5 A



Redundant Power Supply



Standard PS/2 Power Supply

Passive Backplane Options

PBI-20S/D/Q

20-slot ISA Passive Backplane
(single, dual or quad system)

PBPI-19S

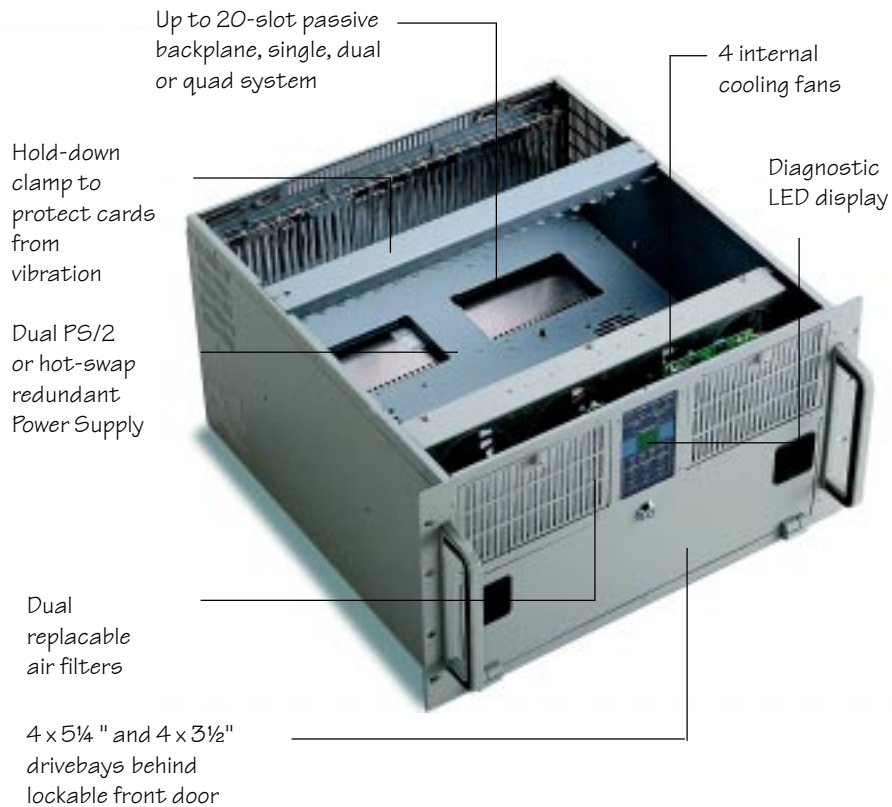
19-slot PICMG Passive Backplane
13 ISA, 4 PCI, 2 PICMG (single system)

PBPI-18SD

18-slot Dual PICMG Passive Backplane
3 ISA, 4 PCI, 2 PICMG (x2)

PBPI-17SQ

17-slot Quad PICMG Passive Backplane
1 ISA, 2(3) PCI, 1 PICMG (x4)



Ordering

IEC-620-S20Q-AT400 :
19", 6U Rackmount Chassis with Quad-System (5xISA) Passive Backplane and 400 W PS/2 Power Supply

IEC-620-C17Q-AT400 :
19", 6U Rackmount Chassis with Quad-System PCI/ISA Passive Backplane and 400 W PS/2 Power Supply

IEC-620-S20Q-RD400 :
19" 6U Rackmount Chassis with Quad-System (5xISA) Passive Backplane and 400 W Redundant Power Supply

IEC-620-C17Q-RD400 :
19" 6U Rackmount Chassis with Quad-System PCI/ISA Passive Backplane and 400 W Redundant Power Supply

