

## 6U, 20-slot Industrial 19" Rackmount Chassis, "Holds up to 4 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. To facilitate multisystem configurations, the IEC-620 offers space to up to eight internal drives. Six of these are accessible on the front panel behind the lockable front 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.

The monitoring circuit can give both visual and audible alarms to indicate malfunctioning or overheating.

### Redundant Power Supply

The IEC-620 can be equipped with two PS/2 power supplies or with redundant power supplies.

### Specifications

- **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
- **Controls:** 4 reset switches for separate systems, central power On/Off
- **LED 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:** 482 (W) x 452 (D) x 267 (H) mm
- **Weight:** 30 kg

### POWER SUPPLY (REDUNDANT)

- **Output Rating:** 300 W (max.)
- **Input Voltage:** 90 to 132 V<sub>AC</sub> or 180 to 264 V<sub>AC</sub> @ 47 to 63 Hz, switchable

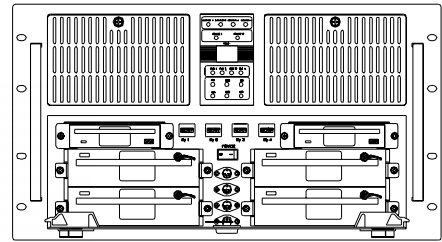
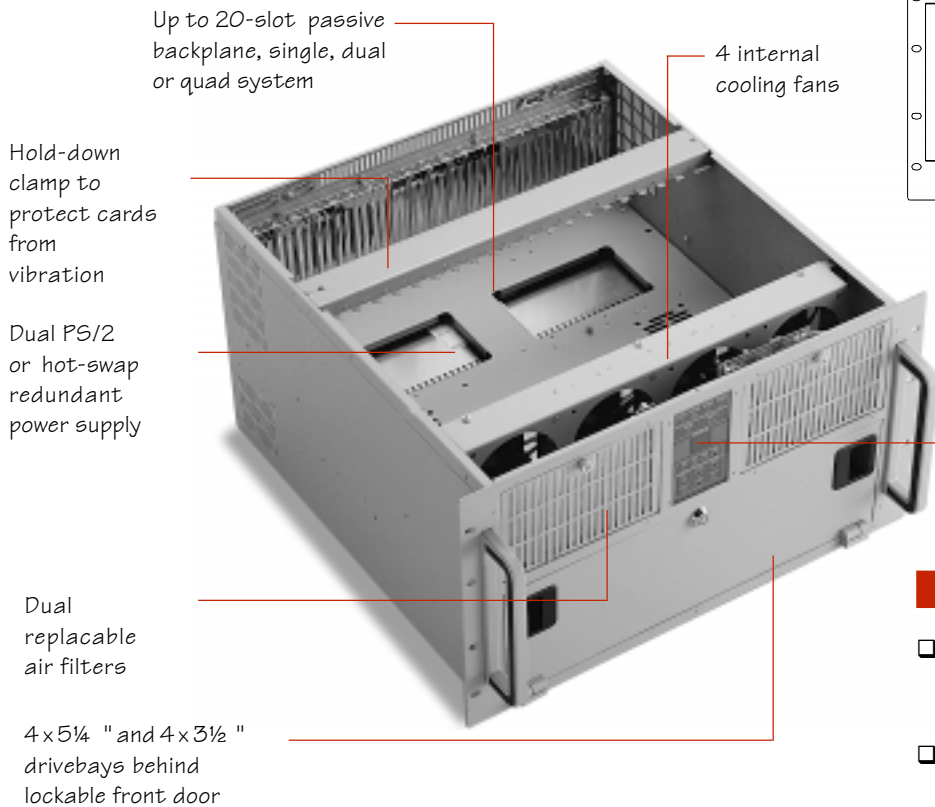
- **Output Voltages:** +5 V @ 30 A, +12 V @ 12 A, -5 V @ 0.5 A, -12 V @ 0.5 A
- **MTBF :** min. 100,000 hours at 25°C (70°F) and at 70% load.
- **Safety :** UL/CSA/TÜV/CE/FCC appr.

### PASSIVE BACKPLANES

PBI-20S/D/Q	20 ISA (single, dual or quad)
PBPI-19S	13 ISA, 4 PCI, 2 PICMG (single)
PBPI-18SD	3 ISA, 4 PCI, 2 PICMG (x 2)
PBPI-17SQ	1 ISA, 2(3) PCI, 1 PICMG (x 4)

### 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 displacement, 17 to 500 Hz, 1.5G acceleration peak to peak
- **Safety:** UL/CSA/TÜV/CE/FCC appr.
- **EMI:** meets FCC/VDE Class A



**Disk drive access on front panel**

Diagnostic LED display

**Ordering**

- IEC-620** : 6U, Rackmount Chassis with one 300 W PS/2 power supply (without passive backplane)
- Optional**  
(please check for ordering codes)
  - Redundant Power Supply
  - Passive Backplanes : ISA, PCI/ISA Single, Dual or Quad system

