

C0877

Dual Node (7 + 7) High Availability CompactPCI® System Platform



Ordering Information

C0877

8U, 14-slot CPCI enclosure with 4-drive bay

IBC-2501

Chassis Management Controller, IPMI v.1.0 compliant Module.

Specifications

Chassis

- 8U Height
- 14" x 17" x 12" 356 x 432 x 305 mm (hwd)

Fail-Safe OPTICOOL™ Cooling

- Patented push-mix-pull cooling technology
- 8 fan lower hot-swap fan array in air intake
- 3 upper individually hot-swap blowers

Enclosure

- 7+7-slot card area, 4 SCA drive bays, 4 Power Supplies
- Alarm panel used with optional Chassis Management Controller (CMC)

Drive Expansion

- Removable drives from front
- Rear external SCSI connectors

Backplane

- Integrated 7+7-slot H.110 backplane
- 6 available full hot-swap I/O slots each segment

Systems

Available as systems using:

- IBC 2600, 2601 & 2801 PIII based SBCs
- CP 1500, 20xx SPARC based SBC
- Windows 2000, Solaris and Linux operating systems
- HA middleware : Win2K Advanced Server Cluster, UpSuite 2.0 for Solaris and Linux OS.

Power Subsystem

- N+1 Redundant (N=3) 200W supplies
- Input voltage: 90-132/180-250 VAC auto-ranging (Optional -48VDC)
- Output Power: +3.3V@30A, +5V@25A, +12V@5.5A, -12V@0.5A (each supply)
- Power is shared across both card segments

Operating Environment

- Temperature: 0 to 40° C
- Short term (30 min.) -5° to 55° C
- Humidity: 5% to 85% @40° C, (non-condensing)
- Shock: 2.5G @10mS
- Vibration: 0.25G @2-100Hz

Standards Compliance

- PICMG 2.0 R3.0, PICMG 2.1 R2.0, PICMG 2.3 R1.0, PICMG 2.5 R1.0, PICMG 2.9 R1.0, PICMG 2.10 R1.0
- ESD: CE
- EMI: CE, FCC, UL/CUL
- Safety: UL/CUL, CE, CB

Warranty

- One year return to factory warranty on system and parts

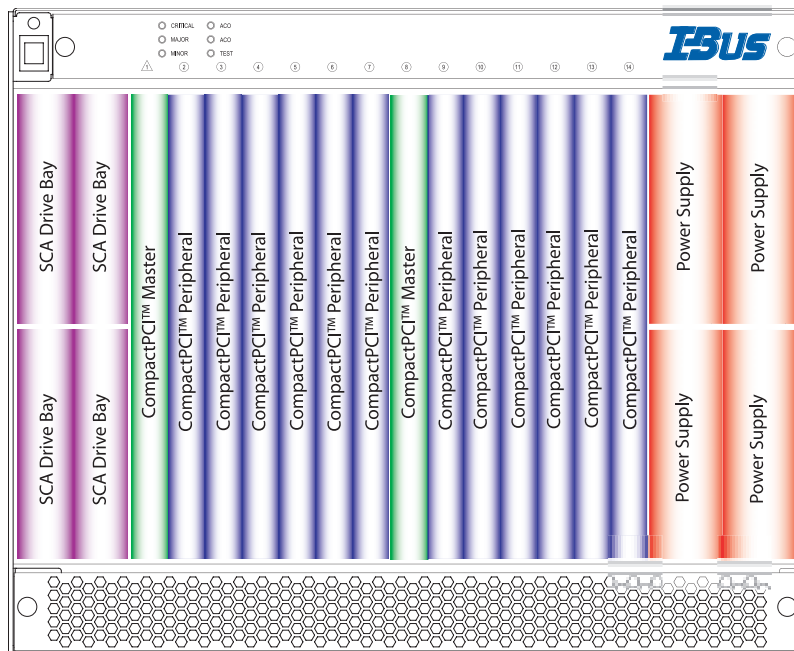
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The C0877 CompactPCI System Platform meets the stringent space and environmental requirements of the network core, cable head end, telecom central office, wireless remote base station and densely packed data center. It integrates seamlessly and efficiently into applications that typically only 10-14U cluster systems could service. It is ideal as high density enhanced services platforms, adjunct processors, and core network management systems.

The C0877 highly-reliable, highly-available and highly-maintainable System Platform includes:

I-Bus designed and manufactured 8U, 7+7-slot split backplane CompactPCI Enclosure for revision control and OEM/VAR branding, I-Bus Fully IPMI compliant System Management Controller with SNMP software options, four, 200W Hot-swap, N+1 redundant AC or DC power supplies and Red Hat Linux and Windows Operating System support.



For Further Information



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