

CONTINUON™ C1221

Turnkey Compute Farm Platform



The C1221 is the first I-Bus enclosure to support up to 20x IBC2802 CPU boards

Ordering Information

C1221

12U, 20-slot CPCI enclosure

Power Subsystem Options

PSU-AC

Four 300W N+1 AC power supplies

PSU-DC

Four 300W N+1 -48VDC power supplies

Control & Monitoring Options

IBC-2501

Chassis Management Controller, IPMI v.1.0 compliant Module.



Specifications

Dimensions

- 12U Height
- 21" x 17.1" x 12" (hwd)
- 634 x 434 x 304 mm

Enclosure

- 20-slot card area
- 6 SCA SCSI drive bays
- 4 power supplies
- 2 Rear power input bays
- ESD grounding locations (front & rear)
- Alarm panel used with optional Chassis Management Controller (CMC)
- Front DC power switch
- Designed to meet NEBS/ETSI standards

Systems

- Available as systems using:
- IBC 2600, 2601 & 2801 PIII based SBCs
 - CP 1500, 20xx SPARC based SBC
 - Windows NT & 2000, Solaris and Linux operating systems

Backplane

- Supports one-slot system master (slot#1)
- 19 full hot-swap I/O slots
- 20-slot continuous H.110 backplane
- Dual power input connectors

Fail-Safe OPTICOOL™ Cooling

- push-mix-pull cooling technology
- 6 fan, hot-swap cooling array in air intake
- Patented air flow mixing and directing tray
- 4 individually hot-swap blowers exhaust
- Optional blower and fan speed control with I-Bus CMC

Power Supply Subsystem

- Four Hot-swap redundant power supplies
- N+1 Redundant (N=3) 300W supplies
- Input Voltage: 90-132/180-250 VAC auto-ranging, Optional -48VDC
- Output Power: +3.3V@30A, +5V@25A, +12V@6A, -12V@0.5A (each supply)
- Combined power of +5 and +3.3V not to exceed 35A total per supply

Operating Environment

- Temperature: 0 to 40° C
- Humidity: 5% to 85% @40°C (non-condensing)
- Shock: 10g @11mS
- Vibration: 0.25G @2-100Hz, 1.5g@100-500Hz

Standards Compliance

- PICMG 2.0 R 3.0, PICMG 2.1 R 2.0, PICMG 2.5 R 1.0, PICMG 2.9 R1.0, PICMG 2.10 R 1.0, PICMG 2.11 R 1.0,
- ESD: CE
- EMI: CE, FCC, UL/CUL
- Safety: UL/CUL, CE, CB
- NEBS

Maintaining
high performance
virtually forever

