

# Continuon™ 4U/CES

## 4U CompactPCI® SPARCengine™ NEBS Compliant Platform



### Ordering Information Specifications

#### Continuon™ 4U/CES

##### Standard Configuration

- C0406 NEBS Compliant Platform
- CP1500 SBC and Rear I/O
- SPARC Processor
- 256Mb ECC SDRAM
- 320W AC Power Module
- US AC Power Cord
- IDE CD-ROM
- 40GB IDE HDD
- 1.44MB Floppy Drive
- Product Manuals

##### Options

(Alternatives to standard configuration above unless otherwise stated)

- 512Mb ECC SDRAM
- Additional CP1500 Computing Blades
- 80GB IDE Drives
- CompactFlash up to 256Mb
- 4-port 10/100 Ethernet Interface
- 8-port 10/100 Ethernet Interface
- 24+2 Layer 3 Switch
- Red Hat Linux 7.2
- Windows 2000 Professional
- Windows 2000 Server
- Windows 2000 Advanced Server
- Windows NT4 Workstation
- Windows NT4 Server
- PPS Full I/O Hot-Swap Middleware (Win 2000 Server and AS only)
- UK, European or IEC Power Cords

#### Chassis

- 4U Height
- 7" x 17" x 14.4", 178 x 432 x 366 mm (hwd)

#### CP1500 SBC

- 64-bit SPARC Version 9, superscalar UltraSPARC-IIi with VIS instruction set, featuring integrated memory and PCI interface, binary compatible with SPARC application software
- Supports up to two Sun mezzanine memory cards in a single slot, 1GB maximum
- Cache : L1: 16KB data, 16KB instruction (on-chip)  
L2: 256 KB at 270 MHz, 1MB at 333Mhz
- Flash 4 MB of user defined flash PROM, OpenBoot PROM IEEE standard (IEEE-1275-1994)
- Ultrawide SCSI-2, DMA enabled, 16 bit single ended accessible via rear panel
- Dual ethernet channels, 10/100 autosensing
- Solaris, ChorusOS, VxWorks
- Dual Serial Ports, one parallel port
- PS/2 Mouse, Keyboard, Floppy Interfaces

#### Backplane

- Integrated 6-slot H.110 compliant backplane
- 4 to 5 full hot-swap I/O slots

#### Drive Expansion

- Up to 80GB HDD
- IDE, CD-ROM and Floppy

#### Thermal Management

- 85 CFM fan, front to back cooling
- 40 CFM power supply and drive cooling fan

#### Power Subsystem

- 320W AC input power supply
- Input voltages: 90-132/180-250 VAC
- Output Power: +3.3V@20A, +5V@32A, +12V@11A, -12V@1A
- Combined total output of +3.3V and +5V not to exceed 160W
- Optional UK, European or IEC to IEC power cables

#### Operating Environment

- Temperature: 0° to 40° C
- Humidity: 5% to 95% @45°C (non-condensing)
- Shock: 2.5G @10ms
- Vibration: 0.25G @5-100Hz

#### Standards Compliance

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



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### 4U CompactPCI® SPARCengine™ NEBS Compliant Platform

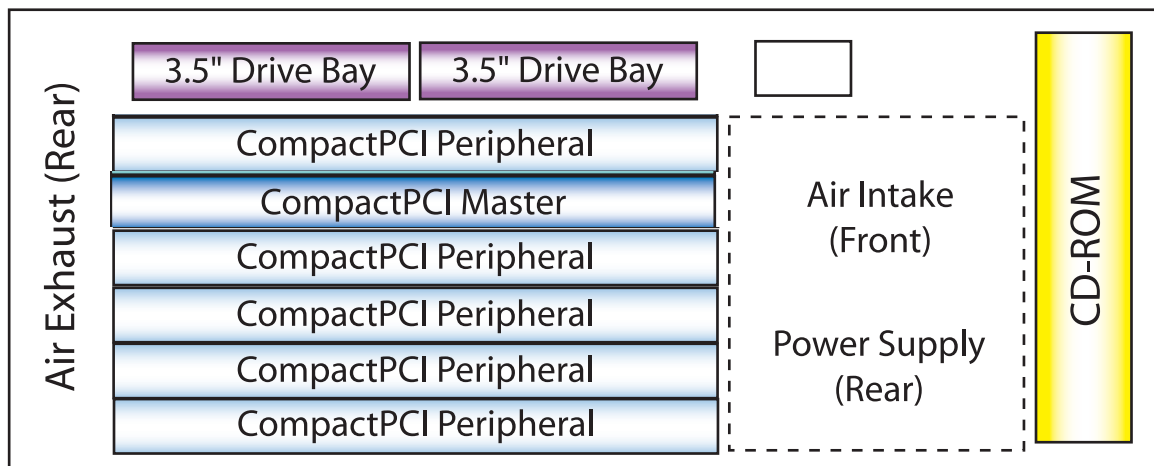
I-Bus offers high availability, performance, scalability and maintainability CompactPCI solutions exceeding the stringent space demands of network core, telecom central office, cable head-end, wireless remote base station and densely packed data centers. I-Bus cPCI solutions are also suitable for deployment for mission-critical customer premise applications, where it's modularity for scalability and maintainability provide equipment administrators and service personnel with clean, quick, access to critical components.

The **Continuon™-4U/CES** Solution includes:

- I-Bus designed and manufactured 4U, 6-Slot CompactPCI Enclosure for revision control and branding
- High performance Sun SPARCengine™ processing Blade
- 320W AC power supply
- Red Hat Linux and Windows Operating System support
- Drive expansion
- Global Sales, Support, Manufacturing and Agency Approvals

#### Typical applications include:

Content Delivery Servers, IP Soft-Switch, Central Office billing and management systems, Call Control, Edge Caching, Conditional Access, Encryption Systems, Network Video Rendering Systems, VOIP Gateways and Mission-Critical File Servers.



### For Further Information



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