

Continuon™ 4U/CHP

4U **CompactPCI®** Pentium III®/Celeron NEBS Compliant Platform



Ordering Information Specifications

Continuon™ 4U/CHP

Standard Configuration

- C0406 NEBS Compliant Platform
- IBC2601 SBC and Rear I/O
- Intel® 850MHz PIII 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 IBC2602 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)

IBC 2601 SBC

- Single or dual Socket 370 Microprocessor : Intel® Pentium® III FC-PGA up to 850MHz, or Intel® Celeron™ processors of 700MHz and beyond
- Intel® 440BX Chipset
- Up to 768MB of Synchronous DRAM (ECC or non-ECC)
- Pentium® III: 256K, 256-bit wide integrated L2 cache or Celeron™: 128K, 64-bit wide integrated L2 cache
- I-Bus embedded BIOS or Custom BIOS available
- Watchdog Timer
- 32-bit PMC Expansion
- CompactPCI Bus Master
- Dual 10/100BaseTx Ethernet Intel® 82559
- 69030 AGP Video with 4MB Memory
- Dual DMA/33 IDE Interface
- Optional CompactFlash
- Single PC Compatible USB port
- Floppy drive interface, up to 2 drives
- Dual 16C550 Serial Ports
- Bi-directional Parallel Port with EPP and ECP
- PS/2 Mouse Port and PS/2 Keyboard Interface
- 2-Slot (8HP) x 6U **CompactPCI®** Compliant
- **CompactPCI®** Compliant Rear I/O Board

Peripheral Processors

- IBC 2602, Mobile Pentium® III SBC
- Dual 10/100BaseTx Ethernet Intel® 82559
- 69030 AGP Video with 4MB Memory
- Optional CompactFlash or Microdrive
- Up to 512MB of Synchronous DRAM (ECC or non-ECC)

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 2.10 R1.0
- ESD: CE
- EMI: CE, FCC, UL/CUL
- Safety: UL/CUL, CE, CB



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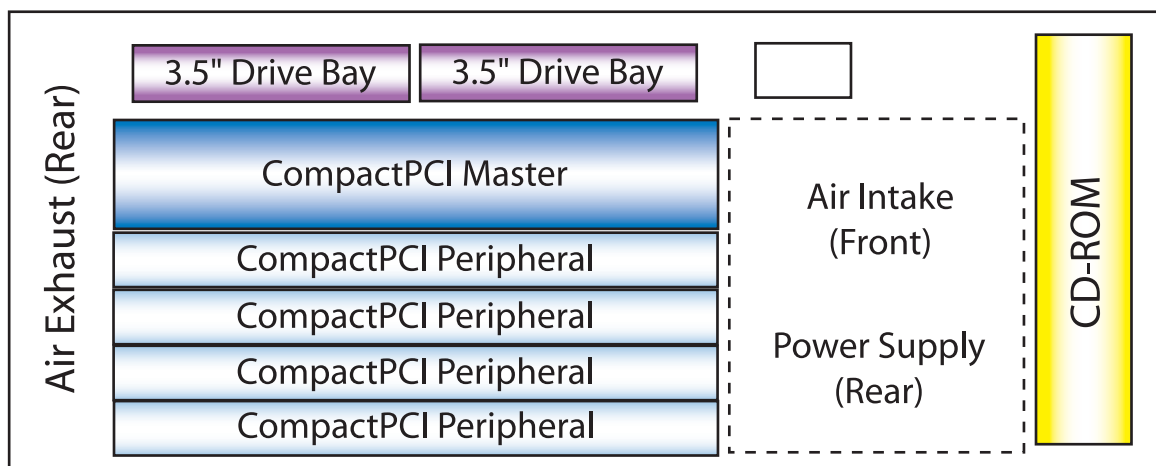
I-Bus offers high availability, performance, scalability and maintainability CompactPCI solutions exceeding the stringent space demands of network core, telecom central office, cable head-end, wireless remote base station and densely packed data centers. I-Bus cPCI solutions are also suitable for deployment 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/CHP** Solution includes:

- I-Bus designed and manufactured 4U, 6-Slot CompactPCI Enclosure for revision control and branding
- I-Bus dual Pentium III long life cycle Single Board Computer for maximum OEM project life
- 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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