

Continuon™ 8U/CEP

8U CompactPCI® Platform w/ Dual Pentium III SBC



Ordering Information

Continuon™ 8U/CEP

Standard Configuration includes :

- C0808 8U System Platform
- IBC2601 dual PIII SBC & Rear I/O
- Dual Intel® 850MHz PIII Processors
- 256MB ECC SDRAM

Memory Options

SDM-64MB	64MB RAM
SDM-128MB	128MB RAM
SDM-256MB	256MB RAM
SDM-512MB	512MB RAM
SDM-768MB	768MB RAM

Flash Options

CF-32MB	32MB Compact Flash
CF-64MB	64MB Compact Flash
CF-128MB	128MB Compact Flash
CF-256MB	256MB Compact Flash
MD-1GB	1 GB MicroDrive

Interface Options

- 4-port 10/100 Ethernet Interface
- 8-port 10/100 Ethernet Interface
- 24+2 Layer 3 Switch

Operating System Options

- Red Hat Linux 7.2
- Windows 2000 Professional
- Windows 2000 Server
- Windows 2000 Advanced Server
- Windows NT4 Workstation
- Windows NT4 Server

Misc

- Dual 400W AC or DC Power Supplies
- UK, European or IEC Power Cords



Specifications

Chassis

- 8U Height
- 14" x 17" x 11.5", 356 x 432 x 296 mm (hwd)

IBC 2601 SBC

- Dual Socket 370 Intel® Pentium III 850MHz
- Intel® 440BX Chipset
- Up to 768MB of ECC Synchronous DRAM
- 256K, 256-bit wide integrated L2 cache
- I-Bus Embedded BIOS
- Watchdog Timer
- Dual 10/100BaseTx Ethernet Intel® 82559ER
- 69030 AGP Video with 4MB Memory
- Dual Ultra DMA/33 IDE Interface
- Optional CompactFlash or Microdrive
- 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
- PS/2 Keyboard Interface
- 2-Slot (8HP) x 6U **CompactPCI™** Compliant
- **CompactPCI™** Compliant Rear I/O Board

Peripheral Processors

- IBC 2602, 700MHz Mobile Pentium III SBC
- Dual 10/100BaseTx Ethernet Intel® 82559ER
- 69030 AGP Video with 4MB Memory
- Optional CompactFlash or Microdrive
- 256 or 512MB ECC SDRAM
- Mouse, Keyboard, USB, IDE & floppy interface

Backplane

- Integrated 8-slot H.110 compliant backplane
- 7 full hot-swap I/O slots available

Drive Expansion

- IDE CD-ROM and Floppy
- Two 5.25" drive bays available
- Hardware RAID controller options

Thermal Management

- 52 CFM Hot-Swap blower, front to back cooling
- 40 CFM power supply and drive cooling fan
- bottom cooling fan tray optional

Power Subsystem

- 400W AC input power supply
- Input voltages: 90-132/180-250 VAC
- Output Power: +3.3V@27A, +5V@50A, +12V@18A, -12V@1A
- Combined total output of +3.3V and +5V not to exceed 250W
- Optional dual redundant 400W AC or -48V DC input power supplies
- 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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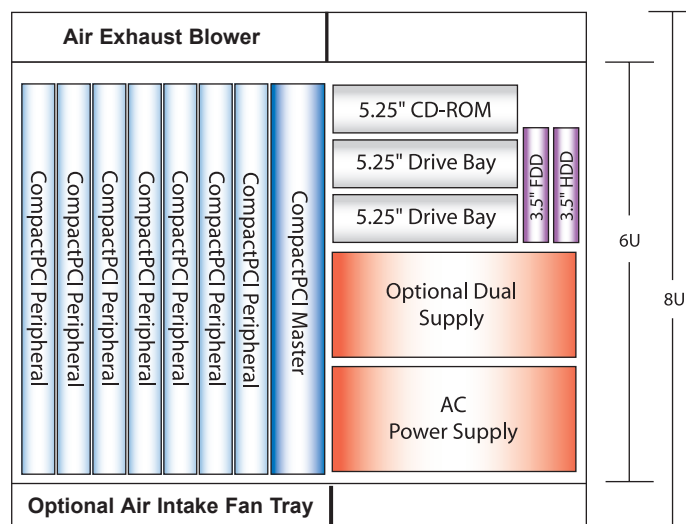
With a unique advantage of having electrical and mechanical design teams, I-Bus creates a complete CompactPCI product line that improves the overall density of the final application as well as reduces the points of failure in the system making it more reliable and maintainable.

The flexible I-Bus cPCI 8U platforms meet the stringent space and environmental requirements of a number of different markets. It combines building blocks to produce a solution for premier mission-critical applications.

The **Continuon™ 8U/CEP** scalable and highly-maintainable platform includes:

- I-Bus designed and manufactured 8U, 8-Slot CompactPCI Enclosure for revision control and OEM/VAR branding
- I-Bus Dual Pentium III long life cycle SBC for maximum OEM project life
- CD-ROM and Floppy or optional Hardware RAID controller
- Up to two 80GB IDE hard drives for high data density
- Single or Dual redundant 400W AC power supplies for increased availability
- Red Hat Linux and Windows Operating System support
- Global sales, support, manufacturing and agency approvals

The **Continuon™ 8U/CEP** offers a high reliability computer solution for enterprise environments, totally designed and integrated by I-Bus.



For Further Information



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