THE CONTINUON™ PRODUCT LINE

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I-Bus Infini-Availability™

Continuon™ 8U/DHS

2-Node Netra™ Blade Server w/ High Availability Middleware

Ordering Information

Continuon™ 8U/DHS
Standard Configuration includes :
- C0888D 8U System Platform
- Two CP20xx or two CP1500 SBC & Rear I/O
- SPARC Processors
- 2 SCA drives
- 512MB ECC SDRAM
- Additional CPxxxx Computing Blades

Power Subsystem Options

PSU-AC
Four 200W N+1 AC power supplies
PSU-DC
Four 200W N+1 -48VDC power supplies
PIM-AC
Redundant AC isolated input modules
PIM-DC
Redundant DC isolated input modules
PIM-UPS
AC input module and an embedded UPS kit

Control & Monitoring Options

IBC-2501
Chassis Management Controller, IPMI v.1.0 compliant Module.

Drive Options

From 18 GB to 36GB SCA drives

Software Options
- *Sun Solaris*
- *Continuous Computing upSuite Middleware*

Specifications

Chassis
8U Height
- 14" x 17.1" x 12" (hwd) 356 x 434 x 304 mm

Up to sixteen server blades

Sun Netra™ CP 2060 SBC
- 500MHz Ultra SPARC™ IIe 64-bit processor
- Solaris 8 CD 6 Operating System
- Integrated 4-way 256KB L2 cache
- 512MB soldered on board ECC RAM
- 1MB on-board boot flash, 4MB user programmable flash memory
- Sun Microcontroller, IPMI interface
- One PMC 32 bit 33MHz available
- Two RS-232C asynchronous serial ports
- Two USB ports
- Two 10/100 Mb/sec. Ethernet Interfaces
- Ultra-2 SCSI PMC with Rear I/O
- 1-Slot (4HP) x 6U CompactPCI® Compliant
- CompactPCI® Compliant Rear I/O Board

Supported SBCs
CP2040, CP2060, CP2080, CP1500
- Up to 2 GB of DDR DRAM at 266 MHz

Backplane
- Integrated 8 + 8-slot CPCI segmented backplane
- System slots #1 and #9
- 14 full hot-swap I/O slots
- 7 + 7-slot segmented H.110 backplane
- 2 additional standard slots (for SCA drives)

Fail-Safe OPTICOOL™ Cooling
- Patented push-mix-pull cooling technology
- 8 + 2 fan, hot-swap cooling array in air intake
- Patented air flow mixing and directing tray
- 3 individually hot-swap blowers
- Optional blower and fan speed control with I-Bus CMC

DC Power Subsystem
- 4 Hot-swap redundant -48VDC power supplies
- N+1 Redundant (N=3) 200W supplies
- Dual feed power inputs
- Input Voltage: -36 to 72 VDC auto-ranging
- Output Power: +3.3V@30A, +5V@25A, +12V@5.5A, -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, PICMG 2.16 R 1.0
- ESD: CE
- EMI: CE, FCC, UL/CUL
- Safety: UL/CUL, CE, CB
- NEBS

Sun AUTHORIZED VALUE ADDED INTEGRATOR

PICMG

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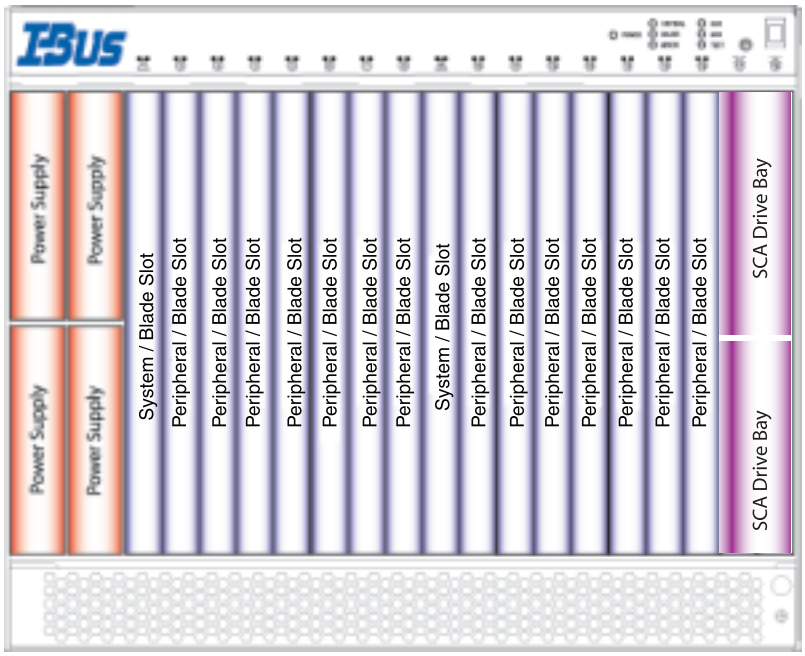
The state-of-the-art **Continuon™ 8U/DHS** features include a 16-slot CPCI/H.110 backplane, full rear I/O module support, front to back airflow and NEBS compliance. It supports full I/O card hot-swap to PICMG 2.1 R2.0, two front-accessible SCA drives, dual hot-swap power input modules and N+1 redundant hot-swap power supplies.

In 8U the most critical component is the cooling. I-Bus continues to lead the CompactPCI market with the patented Fail-Safe OptiCool™ method of push-mix-pull cooling. Fail-Safe Opticool incorporates a unique lower hot-swap fan array that takes advantage of the axial direction of the fans to most efficiently pressurize the air at the bottom of the chassis. The unique mixing tray can be tuned to mix the intake air, redirect the air upward and distribute the air to where it is needed most, even in the event of a single fan failure. To direct the air through the cards, drives and power supplies, three individually hot-swappable blowers pull the low pressure air upward and direct it toward the rear of the chassis. Optimization of cooling, noise and blower life expectancy is achieved with the addition of the optional I-Bus Chassis Management Controller (CMC), which provides independent speed control for the individual blowers and the fan array. The CMC is added in its dediocated slot at the rear of the chassis.

With all of these high-availability features, the **Continuon™ 8U/DHS** excels in applications requiring small size, optimal cooling, high density and the highest levels of reliability, serviceability and maintainability, ensuring the greatest level of application availability.

The Continuon™ 8U/DHS is the Best of Class solution on the market achieving the "Five Nines" of system availability.



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