

# Continuon™ 8U/DES

## 2-Node Cluster Server High Availability System Platform



### Ordering Information

#### Continuon™ 8U/DES

##### Standard Configuration includes :

- C0877 8U System Platform
- Two CP20xx or two CP1500 SBC & Rear I/O
- SPARC Processors
- 512MB ECC SDRAM

##### Options

Additional CPxxxx Computing Blades

#### IBC-2501

Chassis Management Controller, IPMI v.1.0 compliant Module.

##### Drive Options

From 18 GB to 36GB SCA drives

#### Operating System and Middleware option

- Linux 7.2
- Continuous Computing UpSuite

### Specifications

#### Chassis

- 8U Height
- 14" x 17" x 12" 356 x 432 x 305 mm (hwd)

#### 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

#### Enclosure

- 7+7-slot card area, 4 SCA drive bays, 4 PSU
- Alarm panel used with optional Chassis Management Controller (CMC)

#### Drive Expansion

- Removable drives from front
- Rear external SCSI connectors

#### Backplane

- Integrated 7+7-slot H.110 backplane
- 6 available full hot-swap I/O slots each segment

#### Fail-Safe OPTICOOL™ Cooling

- Patented push-mix-pull cooling technology
- 8 fan lower hot-swap fan array in air intake
- 3 upper individually hot-swap blowers

#### Power Subsystem

- N+1 Redundant (N=3) 200W supplies
- Input voltage: 90-132/180-250 VAC auto-ranging (Optional -48VDC)
- Output Power: +3.3V@30A, +5V@25A, +12V@5.5A, -12V@0.5A (each supply)
- Power is shared across both card segments

#### Operating System and High Availability Middleware

- Sun Solaris
- Continuous Computing UpSuite

#### Operating Environment

- Temperature: 0 to 40° C
- Short term (30 min.) -5° to 55° C
- Humidity: 5% to 85% @40°C (non-condensing)
- Shock: 2.5G @10mS
- Vibration: 0.25G @2-100Hz

#### Standards Compliance

- PICMG 2.0 R3.0, PICMG 2.1 R2.0, PICMG 2.3 R1.0, PICMG 2.5 R1.0, PICMG 2.9 R1.0, PICMG 2.10 R1.0
- ESD: CE
- EMI: CE, FCC, UL/CUL
- Safety: UL/CUL, CE, CB



## Continuon™ 8U/DES

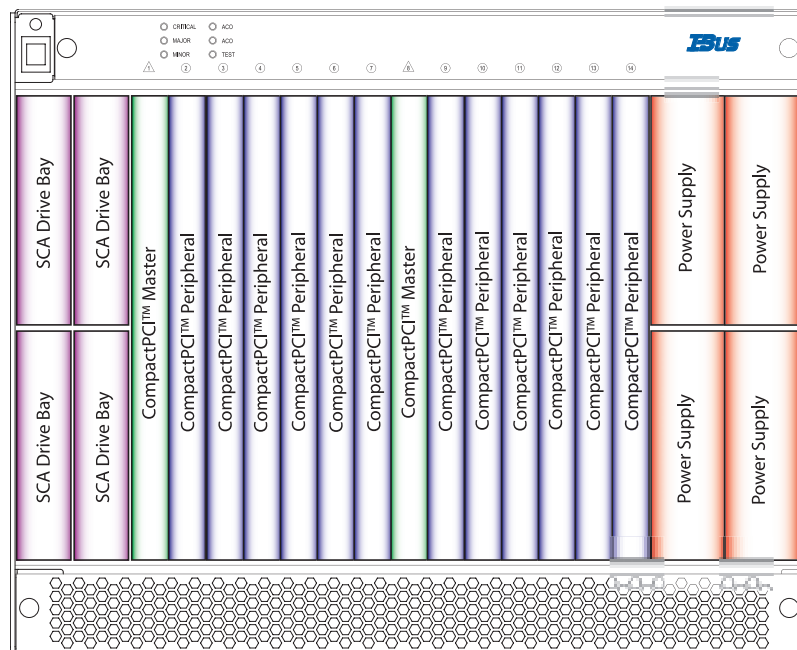
### 2-Node Cluster Server High Availability System Platform

The state-of-the-art **Continuon™ 8U/DES** CompactPCI platform is a Dual Node Cluster Server and the first to employ I-Bus patented Fail-Safe OptiCool™ technology. In 8U of space, all critical modules are easily accessible and fully hot-swap. It supports full I/O card hot-swap to PICMG 2.1 R2.0, a 4 SCA hot-swap SCSI disk array, N+1 redundant hot-swap power supplies, and patented redundant, hot swap power input modules.

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

- I-Bus designed and manufactured 8U, Dual Node (7+7) CompactPCI Enclosure for revision control and OEM/VAR branding
- Dual SPARC based SBCs
- Up to 4 optional hot-swap, SCA SCSI hard drives supporting RAID, thereby increasing data density and availability
- N+1 (N=3) 200W power supplies for increased availability
- Sun Solaris Operating System support
- upSuite HA clustering middleware
- Global sales, support, manufacturing and agency approvals

The **Continuon™ 8U/DES** features world-class design in an Application-ready platform with full built-in redundancy for High-end applications.



**For Further Information**



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