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Maximum Connectivity
The Netra™ CP2300 features dual Ethernet and serial ports, Ultra EIDE, and USB with PICMG HA hot-swap functionality.

NEBS-Compliant
NEBS Level 3 compliance means the Netra CP2300 can meet tough environmental and serviceability needs.

Increased Resource Utilization
A set of CP2300 servers can convert enterprise servers into a set of embedded switched-fabric distributed systems.

Cluster-Ready
Up to 18 CP2300 servers can be clustered through Sun's Netra Blade System Management and NHAS software for carrier-grade implementations of NFS, RPC, and TCP/IP.

Easily Managed
The CP2300 can be independently powered up and down, reset, and can monitor any I/O slot in an HA hot-swap-compliant chassis.

Netra™ CP2300 Telecom Blade Server

Sun microsystems

Sun's next-generation PICMG 2.16 single-board computer (SBC) for telecommunications and embedded applications.

SunWin Token# 369618

- UltraSPARC® IIi processor
- 512 MB on-board memory (expandable to 2.5 GB)
- Solaris 8 and 9 Operating Environments
- Netra HA Suite 2.1 (NHAS)
- Standard CompactPCI 6U form factor
- PICMG 2.16-compliant
- NEBS Level 3-compliant
- PICMG 2.1 HA hot-swap support
- 2 PMC slots
- Dual 10/100 Ethernet channels
- Dual IPMI (PICMG 2.9 support) system management buses
- UltraDMA EIDE

Typical Applications:
- Telecommunications infrastructure
- Broadband network services such as frame relay, ATM networks
- Wireless local loop modular base station
- Mobile traffic switching offices for cellular networks
- Mobile satellite systems
- Internet backbone infrastructure
- IP gateway
- Voice processing
- Call processing
- Maintenance and administration

The Netra CP2300 builds on the success of the CP2000 family of CompactPCI (cPCI) boards. Based on PICMG 2.16 Packet Switching Backplane (cPSB) specification, the CP2300 is designed to provide improved reliability, availability, and system management—completing the transformation from embedded SBC to telecom Blade server.

The Netra CP2300 offers some of the best of the enterprise computing world, including the Solaris™ Operating Environment, Netra High Availability (HA) Suite, and the vast array of applications associated with Sun's award-winning operating environment—yet its cPCI form-factor, mid-plane embedded redundant Ethernet routing, and NEBS Level 3 compliance prepare it for the tough environmental and serviceability needs of Network Equipment Providers, Defense, Aerospace, Healthcare, Semiconductor OEMs, and other specialized capital equipment manufacturers.



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