The versatile, high-speed adapter for reliable LAN and storage connectivity.

Sun™ Dual Fast Ethernet + Dual SCSI PCI Adapter

HIGHLIGHTS

- Provides two independent FastEthernet ports (dual RJ-45) and two independent 80-MB/sec. Ultra SCSI-2 ports (dual VHDCI) on a single 32/64-bit, 33/66-MHz PCI card
- Supports single-ended and low-voltage differential signaling for use of longer cables
- Auto-negotiation capability allows immediate connection to existing 10-Mb/sec. Ethernet or migration to 100-Mb/sec. FastEthernet
- Supports load balancing for RX packets among multiple CPUs
- Features dynamic reconfiguration, redundancy, and failover support for high availability
- Provides built-in bootable drivers (Solaris™ 8 Operating Environment, update 7 only)
- Supports 3.3-V or 5-V PCI slots (universal)
- Features low CPU utilization for efficient use of server resources and bandwidth
- Compliant with IEEE 802.3u for interoperability
- Supports infinite burst capabilities (on UltraSPARC™ III processor-based servers only)

Today's enterprise and Internet data center environments demand high-speed, high-density, affordable solutions for attaching to both LAN environments and storage devices. And Sun meets that demand with the Sun™ Dual Fast Ethernet + Dual SCSI PCI adapter. The adapter features four ports on a single, full-size PCI card—two FastEthernet ports for LAN connectivity and two Ultra SCSI-2 ports for attaching to SCSI-2 compliant peripherals—which saves valuable slots and lowers cost of ownership by simplifying service and support. Plus, the Sun Dual Fast Ethernet + Dual SCSI PCI adapter supports universal PCI powering environments, features 64-bit ASICs for improved bus operation, and accommodates single-ended and low-voltage differential signaling—for an extremely versatile solution. And its auto-negotiation capabilities provide backward compatibility with 10-BaseT Ethernet environments, for outstanding investment protection.

SUN DUAL FAST ETHERNET + DUAL SCSI PCI ADAPTER

Enterprises and Internet data centers alike look to Sun to provide high-performance, versatile, highly reliable networking solutions. The Sun Dual Fast Ethernet + Dual SCSI PCI adapter delivers two FastEthernet ports and two SCSI ports on a single PCI card—for reliable performance with minimal downtime and lower total cost of ownership.

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SUN DUAL FAST ETHERNET + DUAL SCSI PCI ADAPTER SPECIFICATIONS

PERFORMANCE

PCI clock	Maximum 33/66 MHz
PCI data burst transfer rate	Up to 64-byte bursts
SCSI synchronous transfer rate	80 MB/sec.
SCSI asynchronous transfer rate	Maximum 12 MB/sec. (16-bit) Maximum 6 MB/sec. (8-bit)
Transfer size	Maximum 4 GB
PCI data/address lines	AD31-0 or AD63-0
PCI modes	Master/slave
SCSI interface	Single-ended (SE) Low Voltage Differential (LVD)
SCSI bus parity	Yes
SCSI 8-bit bus devices	Yes
SCSI 16-bit bus devices	Yes
10-BaseT transfer rate	Up to 10 Mb/sec.
100-BaseT transfer rate	Up to 100 Mb/sec.

HARDWARE SUPPORTED

Servers	
Sun Ultra™	30, 60, 80
Sun Enterprise™	220R, 420R, 250, 450, 280R, 480R, 880R, E10K, E15K
Sun Blade™	100, 1000
Sun Fire™	4800, 4810, 6800
StorEdge™	S1
Peripherals	All Sun-supported SCSI-2 devices

SOFTWARE SUPPORTED

Operating environment	Solaris Operating Environment 8, update 7 and higher
Firmware	OpenBoot™ PROM 3.0 and higher
Diagnostic	SunVTS™ 4.4 and higher

POWER REQUIREMENTS

Power consumption	Maximum 10 W
Voltage	3.3 V and 5 V

DIMENSIONS AND WEIGHT

Length	175 mm (6.8 in.)
Width	107 mm (4.2 in.)

HEADQUARTERS SUN MICROSYSTEMS, INC., 901 SAN ANTONIO ROAD, PALO ALTO, CA 94303-4900 USA
PHONE: 650 960-1300 OR 800 555-9SUN INTERNET: www.sun.com

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AFRICA (NORTH, WEST AND CENTRAL): +9714-3366333 • ARGENTINA: +5411-4317-5600 • AUSTRALIA: +61-2-9844-5000 • AUSTRIA: +43-1-60563-0 • BELGIUM: +32-2-704-8000 • BRAZIL: +55-11-5187-2100 • CANADA: +905-477-6745 • CHILE: +56-2-3724500 • COLOMBIA: +571-629-2323 • COMMONWEALTH OF INDEPENDENT STATES: +7-502-935-8411 • CZECH REPUBLIC: +420-2-3300-9311 • DENMARK: +45 4556 5000 • EGYPT: +202-570-9442 • ESTONIA: +372-6-308-900 • FINLAND: +358-9-525-561 • FRANCE: +33-01-30-67-50-00 • GERMANY: +49-89-46008-0 • GREECE: +30-1-618-8111 • HUNGARY: +36-1-202-4415 • ICELAND: +354-563-3010 • INDIA: +91-80-5599595 • IRELAND: +353-1-8055-666 • ISRAEL: +972-9-9710500 • ITALY: +39-039-60551 • JAPAN: +81-3-5717-5000 • KAZAKHSTAN: +7-3272-466774 • KOREA: +822-2193-5114 • LATVIA: +371-750-3700 • LITHUANIA: +370-729-8468 • LUXEMBOURG: +352-49 11 33 1 • MALAYSIA: +603-264-9988 • MEXICO: +52-5-258-6100 • THE NETHERLANDS: +00-31-33-45-15-000 • NEW ZEALAND: +64-4-499-2344 • NORWAY: +47 23 36 96 00 PEOPLE'S REPUBLIC OF CHINA: BEIJING: +86-10-6803-5588; CHENGDU: +86-28-619-9333; GUANGZHOU: +86-20-8755-5900; SHANGHAI: +86-21-6466-1228; HONG KONG: +852-2202-6688 • POLAND: +48-22-8747800 • PORTUGAL: +351-21-4134000 • RUSSIA: +7-502-935-8411 SINGAPORE: +65-438-1888 • SLOVAK REPUBLIC: +421-7-4342 94 85 • SOUTH AFRICA: +2711-805-4305 • SPAIN: +34-91-596-9900 • SWEDEN: +46-8-631-10-00 • SWITZERLAND: GERMAN: 41-1-908-90-00; FRENCH: 41-22-999-0444 • TAIWAN: +886-2-2514-0567 • THAILAND: +662-636-1555 TURKEY: +90-212-335-22-00 • UNITED ARAB EMIRATES: +9714-3366333 • UNITED KINGDOM: +44 0 1252 420000 • UNITED STATES: +1-800-555-9SUN OR +1-650-960-1300 • VENEZUELA: +58-2-905-3800 • WORLDWIDE HEADQUARTERS: +1-800-555-9SUN OR +1-650-960-1300

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