

Simplified storage management and deployment.

## Sun StorEdge™ 3900 Series

### HIGHLIGHTS

- Highly cost effective. Full fibre channel storage system helps reduce your total cost of ownership and enhance storage asset utilization.
- Exceptional levels of reliability and availability. Robust storage system supports Sun™ Cluster software.
- Easy and convenient management. Out-of-band storage service processor for local and remote monitoring, configuration, diagnostics, and call home capability.
- Absolute investment protection. Leverage your existing storage investment in the award-winning Sun StorEdge™ T3 array.
- Professional Services. Implementation, installation, configuration, and assessment services available.
- Fully interoperable. Compatible with Sun StorEdge™ Availability, Utilization, Performance, and Resource Management Suites software.

Optimized for the Solaris™ Operating Environment and the Sun Enterprise™ and Sun Fire™ server families, the Sun StorEdge™ 3900 series delivers scalable performance for your critical business applications. Now you can achieve higher levels of efficiency and productivity through dynamic and seamless scalability. This flexible system, ideal for clustering and focused applications such as high-performance computing (HPC), offers predictive linear performance and consistent high-availability as capacities are increased. Completely integrated, the Sun StorEdge 3900 series maximizes application uptime and minimizes total cost of ownership by simplifying storage management and deployment—delivering optimal results to your bottom line. Sun StorEdge Complete Storage Solutions—providing you with comprehensive hardware, software, and services to solve your business challenges enterprise-wide.



The Sun StorEdge™ 3900 series provides a complete and fully integrated storage system for your critical business applications.

Purchase  
these products  
from the Sun™ Store,  
[sun.com/store](http://sun.com/store), or  
contact an authorized  
Sun reseller  
near you.

## BUSINESS PROTECTION

The Sun StorEdge 3900 series is pretested, preintegrated, and fully supported to provide your business with proven levels of performance, availability, and reliability. In addition, the systems are fully compatible with Sun StorEdge T3 arrays, helping to protect your storage investment.

## SUN STOREDGE™ 3900 SERIES SPECIFICATIONS

### STANDARD INTERFACES

	3910	3960
Drives	Dual-ported 10K RPM FC-AL FS-SCA-2 (3.5-in.)	Dual-ported 10K RPM FC-AL FS-SCA-2 (3.5-in.)
Power receptacles required	(US) Two NEMA L6-30P for 200-240 VAC  (International) Two 32A, single phase IEC 309 connected to 220-240 VAC	(US) Two per cabinet NEMA L6-30P for 200-240 VAC  (International) Two per cabinet 32A, single phase IEC 309 connected to 220-240 VAC

### MAXIMUM CAPACITY

36 GB drives	2.6 TB max cabinet (72 drives)	2.6 TB max cabinet (72 drives) 5.8 TB max system (total of 162 drives with expansion cabinet)
73 GB drives	5.2 TB max cabinet (72 drives)	5.2 TB max cabinet (72 drives) 11.8 TB max system (total of 162 drives with expansion cabinet)

### MAXIMUM USABLE CAPACITY FOR RAID 5 WITH HOT SPARING

36 GB drives	2.0 TB max cabinet	2.0 TB max cabinet 4.5 TB max system
73 GB drives	4.0 TB max cabinet	4.0 TB max cabinet 9.2 TB max system

### SOFTWARE

Operating system	Solaris™ 8 Operating Environment Microsoft Windows NT 4.0 (SP6)
Supported software	Sun StorEdge™ Availability Suite software Sun StorEdge Utilization Suite software Sun StorEdge Performance Suite software Sun StorEdge Resource Management Suite software Solstice DiskSuite™ 4.2.1 software VERITAS Volume Manager 3.2 software VERITAS NetBackup 3.4 software Solstice Backup™ 6.0 or greater software Sun™ Cluster 3.0 update 2 software VERITAS Cluster Server 2.0 software

### HARDWARE

Supported hardware	Sun Enterprise™ 10000 server Sun Enterprise 3500, 4500, 5500, 6500 server Sun Fire™ 280R, V880, 3800, 4800, 4810, 6800 server Sun Enterprise 220R, 250, 420R, 450 server Intel Pentium III or higher (Microsoft Windows NT)
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For additional information on this product, go to [www.sun.com/storage/midrange/3900](http://www.sun.com/storage/midrange/3900)

**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](http://www.sun.com)

### SALES OFFICES

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### HOST CONNECTIVITY

Supported host bus adapters	Sun StorEdge PCI single fibre channel network adapter Sun StorEdge PCI dual fibre channel network adapter Sun StorEdge cPCI single fibre channel network adapter Sun StorEdge cPCI dual fibre channel network adapter QLogic 2200F/66* Emulex LP8000-F1/N1*
<i>Note: *Qualified for Windows NT and Windows 2000 environments; supported by third-party vendor.</i>	
Integrated switches	Dual fibre channel switches
Host connect	F port (Fabric Port)
Maximum hosts*	<b>3910</b> <b>3960</b>
*2 connections per host	4 7

### ENVIRONMENT

AC power	200-240 VAC @ 47-53 Hz single phase
Heat output maximum	<b>3910</b> <b>3960</b> ~14,000 BTU ~14,000 BTU
<i>Note: ~26,000 BTU for 3960 system with expansion cabinet</i>	
Temperature-operating	5° C to 35° C (41° F to 95° F)
Temperature-nonoperating	-20° C to 60° C (-4° F to 140° F)
Shock-operating	4.0 g for maximum duration of 11 ms (half-sinewave)
Shock-nonoperating	10.0 g for maximum duration of 11 ms (half-sinewave) X, Y, and Z axis
Vibration-operating	5 to 500 Hz @ 0.25 g sinusoidal
Vibration-nonoperating	5 to 500 Hz @ 1.0 g sinusoidal
Humidity-operating	20% to 80% RH, noncondensing, max gradient 10% per hour
Humidity-nonoperating	5% to 93% RH, noncondensing, max gradient 10% per hour
Altitude-operating	-1000 ft. to +10,000 ft. (-305m to 3048m)
Altitude-nonoperating	-1000 ft. to +40,000 ft. (-305m to 12,192m)

### REGULATIONS

Meets or exceeds the following requirements:	
RFI/EMI	FCC Class A
Safety	UL/CSA, CE, FC-AL standards

### MAXIMUM SYSTEM DIMENSIONS AND WEIGHT

	3910	3960
Height	1905 mm (75 in.)	1905 mm (75 in.)
Width	607.1 mm (23.9 in.)	1214.1 mm (47.8 in.)
Depth	939.8 mm (37 in.)	939.8 mm (37 in.)
Weight	665 kg (1465 lb.)	1295 kg (2855 lb.)

### AVAILABLE SERVICES FOR SUN STOREDGE 3900 SERIES

Remote support	Sun StorEdge™ Remote Response service ready
Installation	Sun StorEdge 3900 Installation Service
Professional services	Implementation Assistance Service for the Sun StorEdge 3900

### WARRANTY

Two year	Sun two-year enhanced warranty with Same Business Day* on-site parts delivery, four business hours* on-site hardware service response, local extended business hours coverage, 24 x 7 phone support *average response times
Service upgrades	SunSpectrum™ service upgrades are available.



take it to the n<sup>th</sup>