

Sun StorEdge™ 5210 NAS



The easy-to-use, simple-to-manage network storage appliance

Simple to deploy

Web browser management and intuitive GUI wizard provide quick and easy setup and configuration in less than 15 minutes.

Integrates seamlessly

Heterogeneous device supports UNIX, Linux, and Windows clients without requiring additional licensing, simplifying integration of mixed operating environments and sharing of data and data services.

Easy to manage

Remote Web administration enables system management and monitoring from anywhere in the world.

Reduces cost and complexity

File-oriented storage lets you easily add resources to meet the needs of remote offices, departments, and workgroups, minimizing the cost and complexity of a SAN.

Developed especially for entry-level departments and workgroups, the Sun StorEdge™ 5210 NAS is a heterogeneous file server storage device that provides quick deployment, simple manageability, seamless integration, and flexible, policy-based data services including data protection. The easy-to-use appliance is purpose-built for simple operation, and can be set up in less than 15 minutes, thanks to its intuitive and easy-to-use installation wizard. The Sun StorEdge 5210 NAS integrates seamlessly with UNIX®, Linux, and Windows environments for simple configuration and management, and its policy-based data services, including integrated file management and Sun StorEdge File Checkpoint (point-in-time copies), protect your data and keep your business running. Designed to grow as you grow, the high-density appliance expands easily with the addition of expansion units, scaling to 6.1 TB. This saves on licensing fees and floor space requirements and also streamlines your ordering process. Simplify your storage with end-to-end Sun StorEdge solutions that reduce cost and complexity and simplify your IT environment.



Sun StorEdge™ 5210 NAS System Requirements

Processors

Processor	One 3.06 GHz Intel Xeon processor
Cache	512-KB Level 2

Mass storage

Internal disks	Six Ultra 160 SCSI, 146 GB, 10,000 rpm drives
External disks	Sun StorEdge 5210 Expansion Unit, supports 12 drives, 146 GB, 10,000 rpm
Maximum capacity	42 drives, 6.1 TB

Memory

	Registered DDR-266 ECC SDRAM
	System supports 4 x 1 GB DIMMs

Standard Interfaces

Network	Two 10/100/1000BaseT Ethernet ports Single-port optical (MMF) 10/100/1000 NIC (optional) Dual-ported optical (MMF) 10/100/1000 NIC (optional)
Serial	One RJ-45 serial port
SCSI	One Ultra 320 SCSI multimode (SE/LVD)
USB	Two USB 1.1 ports
Expansion bus	Two internal PCI-X 64-bit/100 MHz

Software

Operating system	Storage-optimized operating system
File system features	64-bit Journaling Filesystem Sun StorEdge File Checkpoint (point-in-time copies) Sun StorEdge File Replicator Online extensible/expandable capacity NTFS streams support Quotas: user, group and directory tree Unicode
File access protocols	CIFS/SMB, NetBIOS, NFS v2 and v3, FTP
Directory and name services	ADS (LDAP, Kerberos v5), NT 4.0 Multiple Master Domains (MMD), DNS, WINS, NIS, NIS+, Local files
Network services	DHCP; NTP; RDATE; Network Status Monitor; Remote monitoring

Power

AC power	100-240 V, 50/60 Hz, 500 W
Maximum DC output	500 W

Equipped with two power supplies. Second is for redundancy.

Environment

Operating Temperature	10° C to 35° C (50° F to 95° F) (standalone server)* 10° C to 30° C (50° F to 86° F) (rack mounted at sea level)**
Relative humidity	10% to 90%, 27° C max wet bulb, noncondensing
Altitude	10° C to 30° C (50° F to 86° F) (standalone server) 10° C to 25° C (50° F to 77° F) (rack mounted at sea level)
Acoustic noise	Undeclared (TBD)
Nonoperating Temperature	-40° C to 65° C (-40° F to 149° F)
Relative humidity	Up to 93%, noncondensing
Altitude	Up to 12,000 m

*Subtract 1° C from the maximum temperature for every 500-meter increase in altitude. (Tested to 3000 m at 24° C [75.2° F])

**Subtract 1° C from the maximum temperature for every 500-meter increase in altitude. (Tested to 3000 m at 19° C [66.2° F])

Regulations

Meets or exceeds the following requirements:

Safety	IEC60950, UL/CSA60950, EN60950
RFI/EMI	FCC Class A, Part 15 47 CFR, EN55022, CISPR 22
Immunity	EN55024

Certifications

Safety	cULus Mark, TUV GS Mark, CE Mark
EMC	CE Mark (93/68/EEC), FCC authorized Class A, VCCI, BSMI, CTICK

Dimensions

	Sun StorEdge 5210 NAS Filer	Sun StorEdge 5210 Expansion Unit
Height	8.7 cm (3.50 in.)	8.8 cm (3.50 in.)
Width	43.0 cm (16.93 in.)	44.7 cm (17.6 in.)
Depth	64.8 cm (25.51 in.)	53.3 cm (21.0 in.)
Weight	28.12 kg (62 lb.) (with 6 HDDs)	max 24.15 kg (53.25 lb.) (with 12 HDDs)
Enclosure	Fits into a standard 19-inch wide rack.	

Get the details. For more information on this product, go to:
www.sun.com/storage/5000/5200/5210/