



Sun Storage Fibre Channel Switch 5802 Hardware Release Notes

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Sun Storage Fibre Channel Switch 5802 Hardware Release Notes

This document contains important information about the Sun Storage Fibre Channel Switch 5802 hardware.

Read this document so that you are aware of issues or requirements that can impact the installation and operation of the Sun Storage Fibre Channel Switch 5802.

This document contains the following sections:

- [Product Features](#)
- [Supported Hardware and Software](#)
- [Firmware Requirements](#)
- [Downloading and Installing Patches](#)
- [Related Documentation](#)
- [Service Contact Information](#)

Product Features

The Sun Storage Fibre Channel Switch 5802 has the following features:

- Twenty 2, 4, or 8-Gbit ports
- Four 10-Gbit stacking ports that can be upgraded to 20-Gbit
- Full backwards-compatibility with existing infrastructure
- Expandable to twenty 8-Gbit device ports per switch (24 ports total), or 120 device ports per multi-switch stack

Supported Hardware and Software

This section details the hardware and software that are supported by the Sun Storage Fibre Channel Switch 5802. The following topics are discussed:

- [Supported Switches](#)
- [Supported Storage Platforms](#)
- [Supported HBAs](#)
- [Supported Server Platforms](#)
- [Operating System Requirements](#)
- [Management Software Requirements](#)

Supported Switches

TABLE 1 lists the switches that are compatible with the Sun Storage Fibre Channel Switch 5802, the minimum firmware version requirement, and the patch ID. For information about installing patches, see [“Downloading and Installing Patches” on page 6](#).

TABLE 1 Supported Switches and Minimum Firmware Version

Supported Switch	Minimum Firmware Revision	Patch ID
SANbox [®] 5200	7.4.0.11	128175-03
SANbox 5600 Series	7.4.0.11	128175-03
SANbox 9000 Series	6.8.0.03	124900-03

Supported Storage Platforms

The following storage platforms are compatible with the Sun Storage Fibre Channel Switch 5802:

- Sun StorEdge[™] 3510 and 3511 arrays
- Sun StorEdge 6120, 6130, 6320 arrays
- Sun StorageTek[™] FlexLine[™] 380 array
- Sun StorEdge 6140, 6540
- Sun StorEdge 9970, 9980, 9985, 9990, 9910, 60, 9900V, 9985V

- Sun StorEdge 9840C, 9840D, 9940B, T10000, T10000B, LTO-3, LTO-4, Quantum S-4 FC tape drives
- FC Robots: L180, L700, L1400, SL500, SL3000
- Sun StorageTek 2540 array

Supported HBAs

The following HBAs are compatible with the Sun Storage Fibre Channel Switch 5802:

- SG-XPCI1FC-QF2
- SG-XPCI2FC-QF2
- SG-XPCI2FC-QF2-Z
- SG-XPCI1FC-QL2
- SG-XPCI1FC-QLC
- SG-XPCI1FC-QLC-Z
- SG-XPCI1FC-EM2
- SG-XPCI2FC-EM2
- SG-XPCI1FC-QF4
- SG-XPCI2FC-QF4
- SG-XPCIE1FC-QF4
- SG-XPCIE2FC-QF4
- SG-XPCI1FC-EM4-Z
- SG-XPCI2FC-EM4-Z
- SG-XPCIE1FC-EM4
- SG-XPCIE2FC-EM4
- SG-XPCIE2FC-QB4-Z
- SG-XPCIE2FC-EB4-Z
- SG-XPCIE20FC-NEM-Z
- SG-XPCIE2FC-ATCA-Z
- SG-XPCIE2FCGBE-Q-Z
- SG-XPCIE2FCGBE-E-Z

Supported Server Platforms

The following server platforms are compatible with the Sun Storage Fibre Channel Switch 5802:

x64/x86 Systems

- Sun Fire™ V40z
- Sun Fire x2100 (M2), x2200 M2, x4100 (M2), x4200 (M2), and x4600 (M2)
- Sun Fire x4150/4550
- Sun Fire x4140/4240/4440
- Sun Blade™ 6000 Modular System
- Sun Blade 8000 Modular System

Work Group Servers

- Sun Enterprise™ 2900
- Sun Enterprise 6800
- Sun Enterprise 4900/6900
- Sun Blade 2000/2500
- Sun Fire 4800/4810
- Sun Fire 12000/15000
- Sun Fire T1000/T2000
- Sun Fire V1280/Netra 1280
- Sun Fire V240/Netra 240
- Sun Fire V210/V240/V250
- Sun Fire V125
- Sun Fire V215/245
- Sun Fire V440
- Sun Fire V445
- Sun Fire V480/490
- Sun Fire V880/890
- Sun SPARC® Enterprise M4000/5000/8000/9000
- Sun SPARC Enterprise T5120/5520
- Sun SPARC Enterprise T5140/5240

Operating System Requirements

Solaris

- Solaris™ 9 Operating System (OS), SPARC
- Solaris 10 OS, SPARC, x86 and x64

Linux

- Red Hat Enterprise Linux 4.0 (IA32/AMD64)
- Red Hat Enterprise Linux 5.0 (IA32/AMD64)
- Red Hat Enterprise Linux 5.1 (IA32/AMD64)
- SuSE Linux Enterprise Server 9 (IA32/AMD64)
- SuSE Linux Enterprise Server 10 (IA32/AMD64)

Microsoft Windows

- Windows 2003 Server (IA32/AMD64)

Other

HP/UX 5.3

IBM AIX 11.23, 11.31

Management Software Requirements

The Sun Storage Fibre Channel Switch 5802 can be managed by Enterprise Fabric Suite™ 2007 software for Sun FC switches and directors, QuickTools™ web applet for Sun FC switches and directors, or the CLI.

If using Enterprise Fabric Suite 2007, see the section [“Enterprise Fabric Suite 2007 Requirements” on page 6](#) to determine the correct version to use with your installed firmware version.

Enterprise Fabric Suite 2007 Requirements

TABLE 2 summarizes the Enterprise Fabric Suite 2007 and firmware version compatibility requirements for the Sun Storage Fibre Channel Switch 5802.

TABLE 2 Enterprise Fabric Suite 2007 and Firmware Version Compatibility

Firmware Version	Firmware Patch ID	Enterprise Fabric Suite 2007 Version
7.4.0.11.00	138907-xx	7.04.08

Firmware Requirements

The Sun Storage Fibre Channel Switch 5802 requires a minimum firmware version of 7.4.0.11.00. The patch ID for this firmware is 138907-xx. See the section [“Supported Switches” on page 2](#) for a list of compatible switches and their minimum firmware versions.

See the section [“Downloading and Installing Patches” on page 6](#) for further information regarding the installation of patches.

Note – Future versions of firmware may require an upgrade to Enterprise Fabric Suite 2007. Such requirements will be documented within the patch ReadMe file.

Downloading and Installing Patches

The section that follows provides instructions for downloading and installing patches for the Sun Storage Fibre Channel Switch 5802. See the section [“Firmware Requirements” on page 6](#) for the required or recommended firmware versions and associated patch IDs.

▼ Downloading Patches

1. Access the SunSolveSM web site at:

<http://sunsolve.sun.com>

2. **Read and accept the terms and conditions of the License Agreement.**
3. **From the Support category, select Patches and Updates.**
4. **Under PatchFinder, type the patch ID and click Find Patch.**
Do not type the -xx revision number. PatchFinder automatically finds the latest patch.
5. **Verify that you have retrieved the correct patch.**
6. **Print the page.**
Printing this page also prints the patch README file, which contains the installation instructions, special instructions, special guidelines, and notes.
7. **Download the patch by clicking on either HTTP or FTP as shown in the following line:**
Download Patch (*nn,nnn,nnn* bytes) HTTP FTP.
8. **Click PatchFinder and repeat the process from Step 4 for each patch.**

Patch Installation

When you are finished downloading all the patches, install the patches by following the instructions in each patch README file.

Related Documentation

The following table lists the documentation for this product. The online documentation is available at:

<http://docs.sun.com/app/docs/prod/switch.dir#hic>

Application	Title	Part Number	Format	Location
Regulatory and safety information	<i>Sun Storage Regulatory and Safety Compliance Manual</i>	820-5506-xx	PDF	Online
Initial switch installation	<i>Sun Storage Fibre Channel Switch 5802 Setup</i>	820-4950-xx	Printed PDF	Shipping kit Online
Switch installation	<i>Sun Storage Fibre Channel Switch 5802 Installation Guide</i>	820-4969-xx	PDF	Online

Application	Title	Part Number	Format	Location
Manage the switch	<i>Sun Storage Fibre Channel Switch 5802 QuickTools User Guide</i>	820-4972-xx	PDF	Online
Manage the switch	<i>Enterprise Fabric Suite 2007 User Guide</i>	820-4966-xx	PDF	Enterprise Fabric Suite 2007 CD Online
Manage the switch	<i>Enterprise Fabric Suite 2007 Command Line Interface Guide</i>	820-4960-xx	PDF	Online
Command line interface reference	<i>Command Line Interface Quick Reference Guide</i>	820-4962-xx	PDF	Online
Look up messages and correct problems	<i>Event Message Guide</i>	820-4971-xx	PDF	Online
Manage the switch	<i>Simple Network Management Protocol Reference Guide</i>	820-4974-xx	PDF	Online
Manage the switch	<i>CIM Agent Reference Guide</i>	820-4959-xx	PDF	Online

Service Contact Information

If you need help installing or using this product in the United States, call 1-800-USA-4SUN, or go to:

<http://www.sun.com/service/contacting/index.xml>