



McDATA QPM 4 Gb 4-port Blade Hardware Release Notes

For Installation in Sun™ Storage Area Networks

Sun Microsystems, Inc.
www.sun.com

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McDATA QPM 4 Gb 4-port Blade Hardware Release Notes

This document contains important information about the McDATA QPM 4 Gb 4-port Blade hardware installed in Sun™ storage area networks (SANs).

Read this document so that you are aware of issues or requirements that can affect the installation and operation of the McDATA QPM 4 Gb 4-port Blade in a Sun SAN.

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This document contains the following sections:

- [“Product Features” on page 1](#)
- [“Switch Requirements” on page 2](#)
- [“Supported Hardware” on page 2](#)
- [“Related Documentation” on page 4](#)
- [“Service Contact Information” on page 5](#)

Product Features

The McDATA QPM 4 Gb 4-port Blade is a field-replaceable card that boosts link speeds to 4 Gb/s. The McDATA QPM 4 Gb 4-port Blade includes the following features:

- Can fully populate 6140-series chassis (up to 35 per 6140)

- Can be used along with UPM 2 Gb/s port modules
 - Uses hot-pluggable optical transceivers
-

Switch Requirements

The minimum required EOS firmware version is 9.0.

The Sun document *Read Me First - Important Installation Instructions for the McDATA QPM Blade*, part number 819-6403-10, is packaged with the QPM Blade. This document contains important information to help you install the necessary firmware and optional management software for the QPM Blade.

Supported Hardware

The following is a list of the storage devices, host bus adapters (HBAs), and servers supported by the McDATA QPM Blade.

Note – If the device you want to connect is not listed in the following section, check the Release Notes for your HBA or storage device, or contact your Sun account representative to see if support for your device has been added.

Supported Storage Platforms

- Sun StorageTek™ 3510 and 3511 FC arrays
- Sun StorageTek 6120 and 6130 arrays
- Sun StorEdge T3 array with full fabric
- Sun StorageTek 6320 system
- Sun StorageTek 6920 system
- Sun StorageTek FLX380 system
- Sun StorageTek 3900-family switchless systems
- Sun StorageTek Fibre Channel 9840B, 9840C, 9940B, SDLT 600, LTO-2 and LTO-3 FC tape drives

- Sun StorageTek FC420 FC-SCSI Bridge for L25 and L100 tape libraries with the SG-XFCCARD2-C LVD SCSI to Fibre Channel Card or the SG-XFC420CARD-MOD Fibre Channel / LVD Internal Bridge
- C4 tape library with the SG-XFCCARD2-C LVD SCSI to Fibre Channel Card
- FC Robots: L180, L700 2G (Full Fabric), L500 2G (Full Fabric), L8500 2G (Full Fabric)
- Sun StorEdge SE9910/9960/9970/9980/9985/9990 systems

Supported Host Bus Adapters

- SG-XPCI2FC-QF2
- SG-XPCI1FC-QF2
- X6757A
- SG-XPCI1FC-QL2
- SG-XPCI1FC-EM2
- SG-XPCI2FC-EM2
- SG-XPCI1FC-QF4
- SG-XPCI2FC-QF4
- SG-XPCIE1FC-QF4
- SG-XPCIE2FC-QF4
- SG-XPCIE1FC-EM4
- SG-XPCIE2FC-EM4
- SG-XPCI1FC-EM4-Z
- SG-XPCI2FC-EM4-Z

Supported Server Platforms

The follow are lists of supported server platforms, by category.

x64/x86 Systems

- Sun Fire V20z/V40z
- Sun Fire V60x/V65x
- Sun Fire X2100
- Sun Fire X4100/4200

- Sun Fire X4600
- Sun Fire X8000 Blade Server

SPARC Servers

- Sun Enterprise 10000
- Sun Enterprise E220R
- Sun Enterprise E250
- Sun Enterprise E3x00/4x00/5x000/6x00
- Sun Enterprise E420R
- Sun Enterprise E450
- Sun Fire 12k/15k/E20k/E25k
- Sun Fire 280R
- Sun Fire 2900/4900/6900
- Sun Fire 3800/4800/4810/6800
- Sun Fire T1000/T2000
- Sun Fire V1280/Netra 1280
- Sun Fire V210 and V240
- Sun Fire V250
- Sun Fire V440
- Sun Fire V480
- Sun Fire V490
- Sun Fire V880
- Sun Fire V890

Related Documentation

For other information regarding the McDATA QPM 4 Gb 4-port Blade, refer to the following files:

- The Sun document *McDATA EOS Firmware Version 9.0 Release Notes*, part number 819-6759-10, available at <http://docs.sun.com>.
- The Sun document *Read Me First - Important Installation Instructions for the McDATA QPM Blade*, part number 819-6403-10, available at <http://docs.sun.com>.

- The McDATA document *Enterprise Operating System Release Notes Version 09.00.00* available at <http://www.mcdata.com>. These release notes are also available with the Sun patch 122187-01.

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.html>

