



Product Bulletin

Brocade 48000 16, 32, 48-Port 8Gbit FC Cards Support

Revision History

23 May 2008: Initial version

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This product bulletin informs NetApp sales and NetApp partners about new or changed NetApp® products or services.

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1. Summary

This product bulletin announces the support of 16-, 32-, and 48-port 8 Gb/sec Fibre Channel line cards in Brocade 48000 chassis.

There are three types of 8Gbit cards that will be supported in the Brocade 48000 director:

- 16-port 8Gb/sec card
- 32-port 8Gb/sec card
- 48-port 8Gb/sec card

These are the same 8Gb/sec FC line cards that are supported and sold with the Brocade DCX backbone.

2. What's New?

The Brocade 48000 director now supports the 8Gb/sec cards. The Brocade 48000 director will continue to support 4Gb/sec FC line cards.

3. Sales Tools (Sales Guides, Training Presentations, SE Presentations)

N/A

4. Customer-Ready Tools (Customer Presentations, Data Sheets)

N/A

5. System Requirements

Supported Platforms

The latest Brocade support statements can be found at the [NetApp Fibre Channel Switch Support Matrix](#):

[Support Matrix](#)

6. Product Information

The following table presents the six purchasing options for the three Brocade 8Gb/sec FC line cards now supported and configurable into Brocade 48000 Director: 16-port, 32-port, and 48-port FC line cards. Partners should contact their channel representative for pricing information.

Part Number	Description	Discount Category Code
X1859-R5	BRCD DCX 8G,16-Port Blade,R5	B
X1860-R5	BRCD DCX 8G,16-Port Blade,w/16 SW SFP,R5	B
X1861-R5	BRCD DCX 8G,32-Port Blade,R5	B
X1862-R5	BRCD DCX 8G,32-Port Blade,w/32 SW SFP,R5	B
X1863-R5	BRCD DCX 8G,48-Port Blade,R5	B
X1864-R5	BRCD DCX 8G,48-Port Blade,w/48 SW SFP,R5	B

Base Configuration

The Brocade 48000 blades come either fully populated with 4G SFPs as in the part numbers:

- X1860-R5
- X1862-R5
- X1864-R5

Or unpopulated without any SFPs preinstalled as in the part numbers:

- X1859-R5
- X1861-R5
- X1863-R5

Service

NetApp offers NetApp Global Support for all of the Brocade SAN gear.

The following table lists the NetApp SupportEdge offerings for the Brocade 48000 Enterprise Bundle and all other Brocade switches and their software options. These part numbers are the same for different models, but their pricing is different, depending on the list price of the hardware and software for which the support agreement is purchased.

Part Number	Description	Discount Category Code
SVC-O-2HR	HW Support, Premium, 2hr	S
SVC-O-4HR	HW Support, Premium, 4hr	S
SVC-O-NBD	HW Support, Premium, NBD	S
SVC-INST-O-2HR	Initial Install, Premium, 2hr	S
SVC-INST-O-4HR	Initial Install, Premium, 4hr	S
SVC-INST-O-NBD	Initial Install, Premium, NBD	S
SVC-A-4D	HW Support, Standard,4hr	S
SVC-A-4R	HW Support, Standard Replace,4hr	S
SVC-A-NBR	HW Support, Standard Replace, NBD	S
SVC-A-IN-4D	HW Support, Standard, Inst, 4hr	S
SVC-A-IN-4R	HW Support, Standard Replace, Inst, 4hr	S
SVC-A-IN-NBR	HW Support, Standard Replace, Inst, NBD	S
SVC-INST-A-IN-4D	Initial Install, Standard, Inst, 4hr	S
SVC-INST-A-IN-4R	Initial Install, Standard Delivery, Inst, 4hr	S
SVC-INST-A-IN-NBR	Initial Install, Standard Delivery, Inst, NBD	S
SVC-SEC-2HR	HW Support, Secure, 2hr	S
SVC-SEC-4HR	HW Support, Secure, 4hr	S
SVC-SEC-NBD	HW Support, Secure, NBD	S
SVC-INST-SEC-2HR	Initial Install, Secure, 2hr	S
SVC-INST-SEC-4HR	Initial Install, Secure, 4hr	S
SVC-INST-SEC-NBD	Initial Install, Secure, NBD	S
SVC-SEC-2D	HW Support, Secure, Parts Delivery, 2hr	S
SVC-SEC-4D	HW Support, Secure, Parts Delivery, 4hr	S
SVC-SEC-NBDD	HW Support, Secure, Parts Delivery, NBD	S
SW-SSP-O-2HR	SW Subs,Premium,2hr	S
SW-SSP-O-4HR	SW Subs,Premium,4hr	S
SW-SSP-O-NBD	SW Subs, Premium, NBD	S
SW-SSP-A-4D	SW Subs, Standard, Parts Delivery, 4hr	S
SW-SSP-A-4R	SW Subs, Standard Replace, 4hr	S
SW-SSP-A-NBR	SW Subs, Standard Replace, NBD	S
SW-SSP-A-IN-4D	SW Subs, Standard, Inst, 4hr	S
SW-SSP-A-IN-4R	SW Subs, Standard Replace, Inst, 4hr	S
SW-SSP-A-IN-NBR	SW Subs, Standard Replace, Inst, NBD	S
SW-SSP-SEC-2HR	SW Subs,Secure,2hr	S
SW-SSP-SEC-4HR	SW Subs,Secure,4hr	S
SW-SSP-SEC-NBD	SW Subs, Secure, NBD	S
SW-SSP-SEC-2D	SW Subs, Secure, Parts Delivery, 2hr	S
SW-SSP-SEC-4D	SW Subs, Secure Parts Delivery, 4hr	S
SW-SSP-SEC-NBDD	SW Subs, Secure Parts Delivery, NBD	S

Software Subscription Plans

N/A

Downloading

To download the latest FOS version, go to **[[NOTE: Please complete sentence.]]**

Product Availability

Brocade 16-port, 32-port, and 48-port 8 Gbit/s FC cards configurable into the Brocade 48000 Director will be available to quote in the June 9, 2008 release of the Quote Tool.

7. Regulatory Compliance

Meets all defined NetApp EMI and ROHS compliance requirements.

8. Warranty and Service

The warranty, extended warranty, and NetApp SupportEdge purchases and renewals apply to Brocade 16-port, 32-port, and 48-port 8Gb/sec FC line cards just as they do to storage controllers (FAS systems) and other Brocade switches already under NetApp SupportEdge services. Customers can order SupportEdge Premium, SupportEdge Standard, and SupportEdge Secure for Government.

9. Additional Information

Contact information: Please contact your NetApp sales or channel partner representative with questions concerning this bulletin.

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