

## Cisco MDS 9124 24-Port Multilayer Fabric Switch

Cisco Systems® is introducing a new fixed-configuration, 24-port, 4-Gbps Fibre Channel switch for the Cisco® MDS 9100 Series Multilayer Fabric Switches.

The new Cisco MDS 9124 24-Port Multilayer Fabric Switch (part number DS-C9124-K9) offers 24 line-rate, 4-Gbps ports. It supports the same Industry-leading Cisco MDS 9000 SAN-OS Software that is supported on the entire Cisco MDS 9000 family of products. The Cisco MDS 9124 (Figure 1) is ready to deploy with minimal configuration and requires no training to operate. The QuickConfig wizard simplifies and accelerates the initial fabric activation.

**Figure 1.** Cisco MDS 9124 24-Port Multilayer Fabric Switch



The Cisco MDS 9124 offers flexible, on-demand port activation; through software licensing, ports can be activated in 8-port increments. The default base switch has 8 active ports.

The Cisco MDS 9124 is competitively priced and supports enterprise-class features such as virtual storage area networks (VSANs), Port Channels, non-disruptive code upgrade, security (authentication, authorization, and accounting [AAA], role-based access control [RBACL], etc.), and extensive troubleshooting and diagnostic functions. By offering advanced storage networking capabilities at affordable price points, the Cisco MDS 9124 allows organizations of all sizes to enjoy the benefits of intelligent storage area networks (SANs).

The Cisco MDS 9124 can serve as the foundation for small, standalone SANs or as an edge switch in larger core-edge SAN infrastructures. The Cisco MDS 9124 is fully compatible with the Cisco MDS 9500 Series Multilayer Directors and the Cisco MDS 9200 and 9100 Series Multilayer Fabric Switches, providing transparent, end-to-end service delivery.

### ANNOUNCEMENT SUMMARY

- Introduction of the new Cisco MDS 9124 Fibre Channel switch
- Introduction of a second (redundant) power supply for the Cisco MDS 9124

### NEW HARDWARE

- Cisco MDS 9124 24-Port Multilayer Fabric Switch
- Cisco 300W Power Supply

## SPECIFICATIONS OF NEW SWITCH

- The new switch runs the same operating system—Cisco MDS 9000 SAN-OS Software—that runs on all Cisco MDS 9000 family platforms.
- The Cisco MDS 9124 default base switch has 8 ports active and a single power supply.
- The on-demand port activation license allows users to activate ports in 8-port increments.
- The second power supply can be added for redundancy. The second power supply has a fan and so also provides power cooling redundancy.
- The minimum power supply required is 300W.
- Cisco MDS 9000 SAN-OS Software Release 3.1(1) or later is required.

Table 1 lists the specifications for the new chassis. Table 2 compares the Cisco MDS 9124 to the Cisco MDS 9120 20-Port Multilayer Fabric Switch and Cisco MDS 9020 Series Fabric Switch.

**Table 1.** Switch Specifications

Name	Cisco MDS 9124
Dimensions (H x W x D)	1.75 x 17.5 x 16 in. (4.5 x 44.5 x 40.6 cm)
Weight (fully loaded)	18 lb (8 kg)
Redundant power supply	DS-C24-300AC
Short-wave Small Form-Factor Pluggable (SFP) optics	DS-SFP-FC4G-SW

**Table 2.** Comparison of Existing Fibre Channel Switches

Power Supply	Cisco MDS 9124	Cisco MDS 9120	Cisco MDS 9020
Number of ports	24	20	20
Port speed	4 Gbps	2 Gbps	4 Gbps
Dual power supply	Yes	Yes	No
Port licensing	Yes (base switch has 8 active ports; license allows activation in 8-port increments)	No	No
VSANs	Yes	Yes	No
PortChannels	Yes	Yes	No
OS	SanOS 3.1(1) or later	SanOS 1.2 or later	Fabric Ware 3.0
Nondisruptive code upgrade	Yes	No	Yes

## ORDER SCHEDULE AND LEAD TIME

- Available for order: December 2006 from Cisco; Original Storage Manufacturer (OSM) availability will be different
- Lead time: Two weeks
- First customer shipment (FCS): Last week of December 2006; OSM general availability will be different

## FOR MORE INFORMATION

For more information about the Cisco MDS 9124 24-Port Multilayer Fabric Switch, visit <http://www.cisco.com/go/9124>.



**Americas Headquarters**

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
[www.cisco.com](http://www.cisco.com)  
Tel: 408 526-4000  
800 553-NETS (6387)  
Fax: 408 527-0883

**Asia Pacific Headquarters**

Cisco Systems, Inc.  
168 Robinson Road  
#28-01 Capital Tower  
Singapore 068912  
[www.cisco.com](http://www.cisco.com)  
Tel: +65 6317 7777  
Fax: +65 6317 7799

**Europe Headquarters**

Cisco Systems International BV  
Haarlerbergpark  
Haarlerbergweg 13-19  
1101 CH Amsterdam  
The Netherlands  
[www-europe.cisco.com](http://www-europe.cisco.com)  
Tel: +31 0 800 020 0791  
Fax: +31 0 20 357 1100

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at [www.cisco.com/go/offices](http://www.cisco.com/go/offices).

©2006 Cisco Systems, Inc. All rights reserved. CCVP, the Cisco logo, and the Cisco Square Bridge logo are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc.; and Access Registrar, Aironet, BPX, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, Follow Me Browsing, FormShare, GigaDrive, GigaStack, HomeLink, Internet Quotient, IOS, IP/TV, IQ Expertise, the IQ logo, IQ Net Readiness Scorecard, iQuick Study, LightStream, Linksys, MeetingPlace, MGX, Networking Academy, Network Registrar, Packet, PIX, ProConnect, RateMUX, ScriptShare, SlideCast, SMARtNet, StackWise, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0609R)