

CONNECTRIX

Storage Networking for IT Transformation



CONNECTRIX ENABLES BUSINESS APPLICATIONS

The Connectrix® family of directors and switches moves your vital business information to where it's needed securely, with the highest performance, the highest availability and unsurpassed reliability. Connectrix is the only storage networking platform that offers the widest range of connectivity networking options and E-Lab guaranteed interoperability testing. Connectrix products can connect physical or virtual servers through Fibre Channel Storage Area Networks (SAN) technology. Connectrix enables all application environments from Oracle®, Microsoft® and SAP® to local backup/restore, and business continuity/disaster recovery solutions over distance.

CONNECTIVITY MATTERS FOR ALL FLASH STORAGE

All-flash storage environments, require a network that is deterministic, and easy to manage with low latencies. Connectrix has always delivered low latency, deterministic behavior, scalability and reliability. So, as you manage your IT transformation, make sure your storage network can keep pace. Today's storage networks deliver up to 32 Gigabit per second (Gb/s) Fibre Channel speeds. The latest Connectrix systems include exclusive diagnostic and error-collection capabilities, as well as the ability to monitor, analyze and identify specific data to avoid errors, reduce bottlenecks and automate your networking resources.

Thinking about Moving to Flash or Upgrading Your Storage? Get a Free SAN Health Assessment with Mitrend First!

If you're thinking about upgrading your storage environment or moving to all flash storage systems, make sure your storage network isn't a bottleneck with a SAN Health Assessment with Mitrend®. SAN Health is a free tool that creates comprehensive analysis about your storage network including performance graphs, detailed spreadsheets and topology diagrams. Mitrend uses the massive data from SAN Health and creates a consolidated view of the data in electronic presentation form.

CONNECTRIX DELIVERS HIGH PERFORMANCE, HIGH AVAILABILITY, FLEXIBLE SCALABILITY WITH UNSURPASSED RELIABILITY

The Connectrix offering allows you to start small and scale as you grow—whether you begin by implementing a small storage networking solution for one department or a large configuration for an enterprise-wide application. With Connectrix you can concurrently support multiple hosts and operating systems and it accommodates storage environments from other suppliers. This extensible connectivity frees you to consolidate more information onto fewer storage systems with E-Lab's assurance of seamless interoperability and common fabric management capability across the network.

Connectrix Directors and Switches

To meet your storage networking requirements, we offer two Connectrix product lines. Both the Connectrix B-Series and Connectrix MDS product lines include enterprise directors, switches and multi-purpose switch offerings. Enterprise Directors are ready for the most demanding mission-critical environments, providing immediate, non-disruptive and automatic failover. Resident diagnostics quickly identify system anomalies. The comprehensive Connectrix switch offering is ready to meet any of your configurations and connectivity needs. Switches deliver high availability through redundant connections and support the same resilient and automated features as directors.

Connectrix Network Management

Connectrix Manager Converged Network Edition (CMCNE) for the Connectrix B-Series, provides fabric and device management across the SAN. CMCNE delivers health and performance dashboards, with an easy to use Graphical User Interface and comprehensive features that automate repetitive tasks. Fabric Vision features help storage and network administrators proactively manage their environments to support non-stop networking, address issues before they impact operations, and minimize manual tasks with robust monitoring tools.

For Connectrix MDS customers, Data Center Network Manager (DCNM) enables storage and network administrators to troubleshoot the health and performance of their Connectrix MDS environment. DCNM simplifies network deployment by providing wizard and template-based provisioning and configuration with an easy-to-use Graphical User Interface. DCNM provides proactive monitoring and problem diagnosis, which results in less time spent on troubleshooting problems. DCNM also provides comprehensive fabric dashboards and virtual-machine aware path management, performance trending, trouble shooting and event management.

Connectrix Director and Switch Model Numbers

All Connectrix models listed in the tables below support auto-sensing speeds for backward compatibility, non-disruptive code upgrades and redundant hot-swappable components for high availability.

Table 1. CONNECTRIX FIBRE CHANNEL SWITCH MODELS

DS-6505B Max. Speed 16Gb/s	Up to 24 ports, 12-port base
DS-6510B Max. Speed 16Gb/s	Up to 48 ports, 24-port base
DS-6520B Max. Speed 16Gb/s	Up to 96 ports, 48-port base
DS-6610B Max. Speed 32Gb/s	Up to 24 ports, 8-port base
DS-6620B Max. Speed 32Gb/s	Up to 64 ports, 24-port base
MDS-9148S Max. Speed 16Gb/s	Up to 48 ports, 12-port base
MDS-9396S Max. Speed 16Gb/s	Up to 96 ports, 48-port base

Table 2. CONNECTRIX MULTI-PURPOSE SWITCH MODELS

MP-7840B – Distance Extension with FCiP, Fibre Channel Protocol (FCP) and FICON	Twenty-four 16Gb FCP ports, sixteen 1/10 Gigabit Ethernet (GbE) ports and two 40GbE ports.
MDS-9250i – Distance Extension with FCiP, Mainframe FICON, FCoE and Fibre Channel	Forty 16Gb FCP ports, two 10GbE ports and eight FCoE

Table 3. CONNECTRIX DIRECTOR MODELS

ED-DCX6-8B Max. Speed 32Gb/s	Up to 384 ports. Supports FC, and FCiP
ED-DCX6-4B Max. Speed 32Gb/s	Up to 192 ports. Supports FC, and FCiP
ED-DCX8510-8B Max. Speed 16Gb/s	Up to 512 ports. Supports FC, FCiP, FCoE and FICON
ED-DCX8510-4B Max. Speed 16Gb/s	Up to 256 ports. Supports FC, FCiP, FCoE and FICON
MDS-9718 Max. Speed 16Gb	Up to 768 ports. Supports FC, FCiP and FCoE
MDS-9710 Max. Speed 16Gb/s	Up to 384 ports. Supports FC, FCiP, FCoE and FICON
MDS-9706 Max. Speed 16Gb/s	Up to 192 ports. Supports FC, FCiP, FCoE and FICON

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To learn more, contact your local representative or authorized reseller.



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