

Cisco MDS 9700 Series

Multilayer Directors



Primary benefits



Superior performance



High scalability



Consistent reliability



Superior availability



Multiprotocol flexibility



SAN programmability



Investment protection

Build an agile network infrastructure to easily manage massive amounts of data.

Cisco MDS 9718 Multilayer Director

- 768 32G FC
- 768 10G FCoE ports
- 384 40G FCoE ports
- 128 1/10GE FCIP ports
- 32 40GE FCIP ports



Use Case

- Ultralarge-scale SANs
- Consolidation and room for future growth

Cisco MDS 9710 Multilayer Director

- 384 32G FC
- 384 10G FCoE ports
- 192 40G FCoE ports
- 64 1/10GE FCIP ports
- 16 40GE FCIP ports



Use Case

- For medium-sized to large enterprises
- Enable edge-core deployments

Cisco MDS 9706 Multilayer Director

- 192 32G FC
- 192 10G FCoE ports
- 96 40G FCoE ports
- 32 1/10GE FCIP ports
- 8 40GE FCIP ports



Use Case

- For small enterprises to enable smaller footprints
- Superior director-level features

Primary Features

- Enable 16 to 32G transition and backward compatible with 4/8/16G Fibre Channel
- Integrated Analytics on 32G Module for deep Visibility
- Future-proof with NVMe over Fibre Channel
- Simplify provisioning and management using power on autoprovisioning and programmable interfaces
- Think zero downtime with built-in availability and redundancy on the MDS architecture

Cisco Multilayer/Multiservice

Fabric Switches



Primary benefits



Built for all flash performance



Minutes to install and configure



Advanced traffic management



Sophisticated diagnostics



Reliable end-to-end connectivity







Highly available multiprotocol connectivity



Comprehensive network security framework

Build an automated network infrastructure solution for your agile, reliable, and flexible data center needs.

| | Primary Features | Primary Features |
|--|---|---|
| <p>Cisco MDS 9132T 32G Multilayer Fabric Switch</p>  <p>32 maximum ports</p> | <ul style="list-style-type: none"> Modular high availability FC-NVMe ready Slow drain detection and link isolation Sophisticated Diagnostics Virtual Machine awareness Up to 8270 buffer-to-buffer (B2B) credits per port (up to 612-km native 32-Gbps Fibre Channel SAN extension capability) Anti-counterfeit technology | <ul style="list-style-type: none"> Native on-switch REST API 16-member port channel Power-on auto provisioning (POAP) and intelligent diagnostics Cisco In-Service Software Upgrade (ISSU) and dual redundant hot-swappable power supplies for high availability High-performance ISLs with multipath load balancing Smart zoning and VOQ |
| <p>Cisco MDS 9148S 16G Multilayer Fabric Switch</p>  <p>48 maximum ports</p> | <ul style="list-style-type: none"> Hardware-based slow drain detection and recovery Power on auto provisioning and intelligent diagnostics In-Service Software Upgrade (ISSU) and dual redundant hot-swappable power supplies for high availability | <ul style="list-style-type: none"> Standalone SAN switch for enterprise departments and small to medium-sized businesses Top-of-rack switch in redundant fabrics Edge switch connectivity to enterprise core SANs |
| <p>Cisco MDS 9396S 16G Multilayer Fabric Switch</p>  <p>96 maximum ports</p> | <ul style="list-style-type: none"> Hardware-based slow drain detection and recovery Enterprise-class B2B credits for FC-based SAN extension Power on auto provisioning and intelligent diagnostics | <ul style="list-style-type: none"> Standalone SAN switch for small and medium-sized businesses Middle-of-row switch for large enterprises Standalone SAN in large departmental storage environments |
| <p>Cisco MDS 9250i 16G Multiservice Fabric Switch</p>  <p>50 maximum ports</p> | <ul style="list-style-type: none"> Hardware-based slow drain detection and recovery IP and FCoE ports for multiprotocol connectivity IOA for fast backup and recovery services 40 x FC, 8 x FCoE, 2 x 1/10GE FCIP | <ul style="list-style-type: none"> Departmental and remote branch office SANs SAN extensions Medium-sized and large enterprises Internet and telecommunications service providers |

To help your organization answer all these challenges, contact Cisco today at www.cisco.com/go/mds.