



Cisco Nexus Dashboard Fabric Controller Compatibility Matrix, Release 12.1.2e

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Cisco Nexus Dashboard Fabric Controller Compatibility Matrix

The following sections provide information regarding the Compatibility of Cisco NDFC Release 12.1.2e with various platforms, switches, applications, and other devices and their software versions, along with products and components that are supported with NDFC.

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Software Compatibility

The following sections provide information regarding the Compatibility of Cisco Nexus Dashboard Fabric Controller Release 12.1.2e with various switches, applications, and other devices.

Software Compatibility Matrix for Fabric Controller

Table 1: Software Compatibility Matrix for Fabric Controller

Fabric Type	Supported Releases	Recommended Releases
Newly provisioned VXLAN fabrics N9000, N9000v	9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11), 10.1(1), 10.1(2) 10.2(1)F, 10.2(2)F, 10.2(3)F, 10.2(4)M, 10.2(5)M 10.3(1)F, 10.3(2)F, 10.3(3)F	9.3(11), 10.2(5)
Newly provisioned VXLAN fabrics N3600	9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11) 10.1(1), 10.1(2) 10.2(1)F, 10.2(2)F, 10.2(3)F, 10.2(4)M, 10.2(5)M 10.3(1)F, 10.3(2)F, 10.3(3)F	9.3(11), 10.2(5)
Brownfield deployment for N9000	9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11) 10.1(1), 10.1(2) 10.2(1)F, 10.2(2)F, 10.2(3)F, 10.2(4)M, 10.2(5)M 10.3(1)F, 10.3(2)F, 10.3(3)F	9.3(11), 10.2(5)

Fabric Type	Supported Releases	Recommended Releases
Brownfield deployment for N3600	9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11) 10.1(1), 10.1(2) 10.2(1)F, 10.2(2)F, 10.2(3)F, 10.2(4)M, 10.2(5)M 10.3(1)F, 10.3(2)F, 10.3(3)F	9.3(11), 10.2(5)
External/LAN Classic Fabric N3000/3100/3500	7.0(3)I7(9), 7.0(3)I7(10) 9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11) 10.1(1), 10.1(2) 10.2(1)F, 10.2(2)F, 10.2(3)F, 10.2(4)M, 10.2(5)M 10.3(1)F, 10.3(2)F, 10.3(3)F	9.3(11), 10.2(5)
External/LAN Classic Fabric N3600	9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11) 10.1(1), 10.1(2) 10.2(1)F, 10.2(2)F, 10.2(3)F, 10.2(4)M, 10.2(5)M 10.3(1)F, 10.3(2)F, 10.3(3)F	9.3(11), 10.2(5)
External/LAN Classic Fabric N5000/5600/6000	7.3(8)N1(1), 7.3(9)N1(1), 7.3(10)N1(1), 7.3(11)N1(1), 7.3(12)N1(1)	7.3(9)N1(1)
External/LAN Classic Fabric N7000/7700	7.3(5)D1(1), 7.3(7)D1(1), 7.3(8)D1(1), 7.3(9)D1(1), 8.2(5), 8.2(7), 8.2(7a), 8.2(8), 8.2(9), 8.4(4), 8.4(4a), 8.4(5), 8.4(6), 8.4(6a)	7.3(8)D1(1), 8.2(7a)
External/LAN Classic/LAN Monitor Fabric N9000, N9000v	7.0(3)I7(9), 7.0(3)I7(10) 9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11) 10.1(1), 10.1(2) 10.2(1)F, 10.2(2)F, 10.2(3)F, 10.2(4)M, 10.2(5)M 10.3(1)F, 10.3(2)F, 10.3(3)F	9.3(11), 10.2(5)
Easy Fabric for IOS XE ¹	IOS XE <ul style="list-style-type: none"> • 17.3.3, 17.3.4 for ASR 1K and CSR 1KV • 17.3.4a for Catalyst 8K and 9K 	

Fabric Type	Supported Releases	Recommended Releases
External Fabric for Non-Nexus Devices ²	IOS XE <ul style="list-style-type: none"> • 17.3.3, 17.3.4 for ASR 1K and CSR 1KV • 17.3.4a for Catalyst 8K and 9K IOS XR <ul style="list-style-type: none"> • 6.8.1 for ASR 9K • 6.5.3 for NCS 5500 • EOS 4.23.4.2M for Arista 	
IPFM Fabric	9.3(5), 9.3(6), 9.3(7), 9.3(8), 9.3(9), 9.3(10) 10.1(1), 10.1(2) 10.2(1)F, 10.2(2)F, 10.2(3)F, 10.2(4)M 10.3(1)F, 10.3(2)F	9.3(8), 9.3(9), 9.3(10) 10.1(1), 10.1(2) 10.2(1)F, 10.2(2)F, 10.2(3)F, 10.2(4)M 10.3(1)F, 10.3(2)F

¹ Only Catalyst 9K series supported. For qualified models, refer to **Supported Hardware for Cisco Nexus Dashboard Fabric Controller** section.

² ASR 1K, ASR 9K, Catalyst 9K, CSR 1KV, NCS 5500, Arista DCS series supported. For qualified models, refer **Supported Hardware** section in Cisco NDFC Release Notes.

Compatibility Matrix for SAN Controller

Table 2: Compatibility Matrix for SAN Controller

Switches	Supported Switch Releases
Cisco MDS 9100	9.3(2), 9.3(1), 8.4(2e), 8.4(2d), 9.2(2), 9.2(1), 8.4(2c), 8.5(1), 6.2(33), 8.4(2b), 8.1(1b), 6.2(31), 6.2(29), 8.4(2a), 8.4(2), 8.4.(1a), 6.2(29), 8.4(1), 6.2(27), 8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a), 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1), 6.2(25), 6.2(23), 6.2(21), 6.2(19), 6.2(17), 6.2(15), 6.2(13b), 6.2(13a), 6.2(13), 6.2(11c), 6.2(11b), 6.2(11), 6.2(9c), 6.2(9b), 6.2(9a), 6.2(9), 6.2(7), 6.2(5a), 6.2(5), 6.2(3), 6.2(1), 5.2(8i), 5.2(8h), 5.2(8g), 5.2(8f), 5.2(8e), 5.2(8d), 5.2(8c)
Cisco MDS 9200	9.3(2), 9.3(1), 9.2(2), 9.2(1a), 9.2(1), 8.5(1), 8.3(2), 8.3(1), 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1), 6.2(25), 6.2(23), 6.2(21), 6.2(19), 6.2(17), 6.2(15), 6.2(13b), 6.2(13a), 6.2(13), 6.2(11c), 6.2(11b), 6.2(11), 6.2(9c), 6.2(9b), 6.2(9a), 6.2(9), 6.2(7), 6.2(5a), 6.2(5), 6.2(3), 6.2(1), 5.2(8h), 5.2(8c), 5.2(8d), 5.2(8e), 5.2(8f), 5.2(8g)
Cisco MDS 9250i	9.3(2), 9.3(1), 9.2(1a), 8.4(2e), 8.4(2d), 9.2(2), 9.2(1), 8.4(2c), 8.5(1), 8.4(2b), 8.4(2a), 8.4(2), 8.1(1b), 8.4(1a), 6.2(31), 6.2(29), 8.4(1), 6.2(27), 8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a), 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1), 6.2(25), 6.2(23), 6.2(21), 6.2(19), 6.2(17), 6.2(15), 6.2(13b), 6.2(13a), 6.2(13), 6.2(11c), 6.2(11b), 6.2(11), 6.2(9c), 6.2(9b), 6.2(9a), 6.2(9), 6.2(7), 6.2(5a), 6.2(5)
Cisco MDS 9220i	9.3(2), 9.3(1), 9.2(2), 9.2(1a), 9.2(1), 8.5(1), 8.4(2d)

Switches	Supported Switch Releases
Cisco MDS 9300	9.3(2), 9.3(1), 9.2(1a), 8.4(2e), 8.4(2d), 9.2(2), 9.2(1), 8.4(2c), 8.5(1), 6.2(33), 8.4(2b), 8.1(1b), 6.2(31), 6.2(29), 8.4(2a), 8.4(2), 8.4(1a), 6.2(29), 8.4(1), 6.2(27), 8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a), 8.1(1), 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1), 6.2(25), 6.2(23), 6.2(21), 6.2(19), 6.2(17), 6.2(15), 6.2(13b), 6.2(13a), 6.2(13)
Cisco MDS 9500	6.2(33), 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1), 6.2(31), 6.2(29), 6.2(25), 6.2(23), 6.2(21), 6.2(19), 6.2(17), 6.2(15), 6.2(13b), 6.2(13a), 6.2(13), 6.2(11c), 6.2(11b), 6.2(11), 6.2(9c), 6.2(9b), 6.2(9a), 6.2(9), 6.2(7), 6.2(5a), 6.2(5), 6.2(3), 6.2(1), 5.2(8h), 5.2(8c), 5.2(8d), 5.2(8e), 5.2(8f), 5.2(8g)
Cisco MDS 9700	9.3(2), 9.3(1), 9.2(1a), 8.4(2e), 8.4(2d), 9.2(2), 9.2(1), 8.4(2c), 8.5(1), 6.2(33), 8.4(2b), 8.1(1b), 6.2(31), 6.2(29), 8.4(2a), 8.4(2), 8.4(1a), 6.2(29), 8.4(1), 6.2(27), 8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a), 8.1(1), 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1), 6.2(25), 6.2(23), 6.2(21), 6.2(19), 6.2(17), 6.2(15), 6.2(13b), 6.2(13a), 6.2(13), 6.2(11c), 6.2(11b), 6.2(11), 6.2(9c), 6.2(9b), 6.2(9a), 6.2(9), 6.2(7), 6.2(5a), 6.2(5), 6.2(3), 6.2(1)
Cisco Nexus 9000 Series	10.3(3)F, 10.3(2)F, 10.2(5)M, 10.2(4)M, 10.2(3)F, 9.3(11), 9.3(10), 9.3(9), 10.2(2)F, 10.2(1)F, 7.0(3)I7(10), 9.3(8), 10.1(2), 10.1(1), 9.3(7), 9.3(6), 7.0(3)I7(9), 9.3(5), 9.3(4), 7.0(3)I7(8), 9.3(3), 7.0(3)I7(7), 9.3(2), 9.2(4), 9.3(1), 9.2(3), 7.0(3)I4(9), 7.0(3)I7(6), 9.2(2), 9.2(1), 7.0(3)I7(5), 7.0(3)I7(4), 7.0(3)I7(3), 7.0(3)I7(2), 7.0(3)I7(1), 7.0(3)I4(8), 7.0(3)I4(7), 7.0(3)I4(6), 7.0(3)I4(5), 7.0(3)I4(4), 7.0(3)I4(3), 7.0(3)I4(2), 7.0(3)I4(1), 7.0(3)F3(2), 7.0(3)F3(1), 7.0(3)F1(2), 7.0(3)I6(2), 7.0(3)I6(1), 7.0(3)F2(1), 7.0(3)F1(1), 7.0(3)I2(4), 7.0(3)I2(5), 7.0(3)I5(2), 7.0(3)I5(1), 7.0(3)I3(2), 7.0(3)I3(1), 7.0(3)I2.3, 7.0.3.I2.2c, 7.0(3)I2.2a, 7.0(3)I2.1, 7.0(3)I1.3, 7.0(3)I1.2, 6.2(9), 6.1(2)I3.4, 6.1(2)I3.2, 6.1(2)I3(1), 6.1(2)I2(1), 6.1(2)I1(2), 6.1(2)I1(1)
Cisco Nexus 7000 Series	8.4(6a), 8.4(6), 8.2(9), 7.3(9)D1(1), 7.3(9)D1(1), 8.2(8), 8.4(5), 8.4(4a), 7.3(8)D1(1), 8.2(7a), 8.4(4), 7.3(7)D1(1), 8.2(6), 8.4(3), 8.4(2), 7.3(6)D1(1), 8.2(5), 7.3(5)D1(1), 8.4(1), 8.2(4), 7.3(4)D1(1), 8.3(2), 8.3(1), 8.2(3), 8.2(2), 8.2(1), 8.1(2), 8.1(1), 8.0(1), 7.3(3)D1(1), 7.3(2)D1(3), 7.3(2)D1(2), 7.3(2)D1(1), 7.3(1)D1(1), 7.3(0)D1(1), 7.2(2)D1(4), 7.2(2)D1(2), 7.2(2)D1(1), 7.2(1)D1(1), 7.2(0)D1(2), 7.2(0)D1(1)
Cisco Nexus 7700 Series	8.4(6a), 8.4(6), 8.2(9), 7.3(9)D1(1), 8.2(8), 8.4(5), 8.4(4a), 7.3(8)D1(1), 8.2(7a), 8.4(4), 7.3(7)D1(1), 8.2(6), 8.4(3), 8.4(2), 7.3(6)D1(1), 8.2(5), 7.3(5)D1(1), 8.4(1), 8.2(4), 7.3(4)D1(1), 8.3(2), 8.3(1), 8.2(3), 8.2(2), 8.2(1), 8.1(2), 8.1(1), 8.0(1), 7.3(3) D1(1), 7.3(2)D1(3), 7.3(2)D1(2), 7.3(2)D1(1), 7.3(1)D1(1), 7.3(0)DX(1), 7.3(0)D1(1), 7.2(2)D1(4), 7.2(2)D1(2), 7.2(2)D1(1), 7.2(1)D1(1), 7.2(0)D1(2), 7.2(0)D1(1)
Cisco Nexus 6000/5600 Series	7.3(12)N1(1), 7.3(11)N1(1), 7.3(10)N1(1), 7.3(9)N1(1), 7.3(8)N1(1), 7.3(7)N1(1b), 7.3(7)N1(1a), 7.3(7)N1(1), 7.3(6)N1(1), 7.3(5)N1(1), 7.1(5)N1(1b), 7.3(4)N1(1), 7.3(3)N1(1), 7.3(2)N1(1e), 7.3(2)N1(1), 7.3(1)N1(1), 7.3(0)N1(1), 7.2(1)N1(1), 7.1(5)N1(1), 7.2(0)N1(1), 7.1(5)N1(1), 7.1(4)N1(1), 7.1(3)N1(2), 7.1(3)N1(1), 7.1(2)N1(1), 7.1(1)N1(1), 7.1(0)N1(1), 7.0(8)N1(1), 7.0(7)N1(1), 7.0(6)N1(1), 7.0(5)N1(1), 7.0(4)N1(1), 7.0(3)N1(1), 7.0(2)N1(1), 7.0(1)N1(1), 6.0(2)N2(7), 6.0(2)N2(2), 6.0(2)N2(1), 6.0(2)N1(2)

Switches	Supported Switch Releases
Cisco Nexus 5000 Series	7.3(12)N1(1), 7.3(11)N1(1), 7.3(10)N1(1), 7.3(9)N1(1), 7.3(8)N1(1), 7.3(7)N1(1b), 7.3(7)N1(1a), 7.3(7)N1(1), 7.3(6)N1(1), 7.3(5)N1(1), 7.1(5)N1(1b), 7.3(4)N1(1), 7.3(3)N1(1), 7.3(2)N1(1e), 7.3(2)N1(1), 7.3(1)N1(1), 7.3(0)N1(1), 7.2(1)N1(1), 7.2(0)N1(1), 7.1(5)N1(1), 7.1(4)N1(1), 7.1(3)N1(2), 7.1(3)N1(1), 7.1(2)N1(1), 7.1(1)N1(1), 7.1(0)N1(1), 7.0(8)N1(1), 7.0(7)N1(1), 7.0(6)N1(1), 7.0(5)N1(1), 7.0(4)N1(1), 7.0(3)N1(1), 7.0(2)N1(1), 7.0(1)N1(1), 6.0(2)N2(7), 6.0(2), 5.2(1)N1(9a), 5.2(1)N1(9), 5.2(1), 5.1(3), 5.0(3), 5.0(2), 4.2(1), 4.1(3)
UCS Infrastructure and UCS Manager Software	4.2(1d), 4.0.4g, 4.1.1a, 3.2.3n, 4.0.4, 4.0.1, 3.2(3k), 2.2.5a



Note The Cisco NX-OS version of the Cisco Nexus 2000 Series Fabric Extenders will be the same as the NX-OS version of the supported Nexus switch (that is, Cisco Nexus 5000, Cisco Nexus 7000, or Cisco Nexus 9000).

Compatibility Matrix for Cisco Nexus Dashboard and Applications

Cisco Nexus Dashboard and Services compatibility information for specific Cisco Nexus Dashboard, services, and fabric versions. See [Cisco Nexus Dashboard and Services Compatibility Matrix](#).

For recommendation on Nexus Dashboard cluster sizing for co-hosting services, see the [Nexus Dashboard Capacity Planning tool](#) instead.

Hardware Compatibility

Supported Hardware for Cisco Nexus Dashboard Fabric Controller

The following tables list the products and components that are supported in the Cisco Nexus Dashboard Fabric Controller, Release 12.1.2d

UCS Fabric Interconnect Integration

Product/Component	Part Number
Cisco UCS Unified Computing System 6454 1-RU In-Chassis FI with 36x10G/25G + 4x 1G/10G/25G + 6x40G/100G + 8 UP Ports	UCS-FI-6454-U
Cisco UCS Unified Computing System 6332 1-RU In-Chassis FI with 16UP + 24x40G Fixed Ports	UCS-FI-6332-16UP
Cisco UCS Unified Computing System 6332 1-RU In-Chassis FI with 32x40G Fixed Ports	UCS-FI-6332
Cisco UCS Unified Computing System 6324 In-Chassis FI with 4UP, 1x40G Exp Port	UCS-FI-M-6324
Cisco UCS Unified Computing System 6296UP 96-Unified Port Fabric Interconnect	UCS-FI-6296UP
Cisco UCS Unified Computing System 6248UP 48-Unified Port Fabric Interconnect	UCS-FI-6248UP

Cisco MDS 9000 Series Switches Family

Product/Component	Part Number
Cisco MDS 9718 Supervisor-1E Modules	DS-X97-SF1-K9
Cisco MDS 9710 Crossbar Fabric-3 Switching Module	DS-X9710-FAB3
Cisco MDS 9700 Series Supervisor-4 Module	DS-X97-SF4-K9
MDS 9706 Crossbar Switching Fabric-3 Module	DS-X9706-FAB3
Cisco MDS 9396T 32 Gbps 96-Port Fibre Channel Switch	DS-C9396T-K9
Cisco MDS 9396S 16G Multilayer Fabric Switch	DS-C9396S-K9
Cisco MDS 9124V 64-Gbps 24-Port Fibre Channel Switch	DS-C9124V-K9
Cisco MDS 9148V 64-Gbps 48-Port Fibre Channel Switch	DS-C9148V-K9
Cisco MDS 9148T 32 Gbps 48-Port Fibre Channel Switch	DS-C9148T-K9
Cisco MDS 9700 48-Port 32-Gbps Fibre Channel Switching Module	DS-X9648-1536K9
Cisco MDS 9700 64-Gbps 48-port Fibre Channel Switching Module	DS-X9748-3072K9
Cisco MDS 9250i Multilayer Fabric Switch	DS-9250I-K9
Cisco MDS 9124 24-Port Multilayer Fabric Switch	DS-C9124-K9
Cisco MDS 9134 34-Port Multilayer Fabric Switch	DS-C9134-K9
Cisco MDS 9148 48-Port Multilayer Fabric Switch	DS-C9148-K9
Cisco MDS 9148 48-Port Multilayer Fabric Switch	DS-C9148S-K9
Cisco MDS 9216i Multilayer Fabric Switch	DS-C9216i-K9
Cisco MDS 9222i Multilayer Fabric Switch	DS-C9222i-K9
Cisco MDS 9220i Intelligent fabric switch chassis, 12X32G FC+6IPS	DS-C9220I-K9
Cisco MDS 9506 Multilayer Director	DS-C9506
Cisco MDS 9509 Multilayer Director	DS-C9509
Cisco MDS 9513 Multilayer Director	DS-C9513
Cisco MDS 9706 Multilayer Director	DS-C9706
Cisco MDS 9710 Multilayer Director	DS-C9710
Cisco MDS 9718 Multilayer Director	DS-C9718
Cisco MDS 9000 32-Port 2-Gbps Fibre Channel Switching Module	DS-X9032
Cisco MDS 9000 32-Port Storage Services Module	DS-X9032-SSM
Cisco MDS 9000 12-port 4-Gbps Fibre Channel Switching Module	DS-X9112
Cisco MDS 9000 12-port 4-Gbps Fibre Channel Switching Module	DS-X9112
Cisco MDS 9000 12-port 4-Gbps Fibre Channel Switching Module	DS-X9112
Cisco MDS 9000 24-port 4-Gbps Fibre Channel Switching Module	DS-X9124

Product/Component	Part Number
Cisco MDS 9000 48-port 4-Gbps Fibre Channel Switching Module	DS-X9148
Cisco MDS 9000 24-Port 8-Gbps Fibre Channel Switching Module	DS-X9224-96K9
Cisco MDS 9000 32-port 8-Gbps Advanced Fibre Channel Switching Module	DS-X9232-256K9
Cisco MDS 9000 48-port 8-Gbps Advanced Fibre Channel Switching Module	DS-X9248-256K9
Cisco MDS 9000 4/44-Port Host-Optimized 8-Gbps Fibre Channel Switching Module	DS-X9248-48K9
Cisco MDS 9000 48-Port 8-Gbps Fibre Channel Switching Module	DS-X9248-96K9
Cisco MDS 9000 Family 14-Port Fibre Channel and 2-port Gigabit Ethernet Module	DS-X9302-14K9
Cisco MDS 9000 18/4-Port Multiservice Module (MSM-18/4)	DS-X9304-18K9
Cisco MDS 9000 4-port 1-Gbps IP Storage Module	DS-X9304-SMIP
Cisco MDS 9000 8-port 1-Gbps IP Storage Module	DS-X9308-SMIP
Cisco MDS 9000 Family 16-Port Storage Services Node (SSN-16)	DS-X9316-SSNK9
Cisco MDS 9000 Family 24/10 SAN Extension Module	DS-X9334-K9
Cisco MDS 9000 48-port 16-Gbps Fibre Channel Switching Module with SFP LC connectors	DS-X9448-768K9
Cisco MDS 9500 Series Supervisor-1 Module	DS-X9530-SF1-K9
Cisco MDS 9500 Series Supervisor-2 Module	DS-X9530-SF2-K9
Cisco MDS 9500 Series Supervisor-2A Module	DS-X9530-SF2A-K9
Cisco MDS 9000 Family 4-Port 10-Gbps Fibre Channel Switching Module	DS-X9704
Cisco MDS 9000 8-port 10-Gbps Fibre Channel over Ethernet (FCoE) Module	DS-X9708-K9
Cisco MDS 48-Port 10-Gigabit Fibre Channel over Ethernet (FCoE) Module with SFP LC connectors	DS-X9848-480K9
Cisco MDS 9132T 32 Gbps 32-Port Fibre Channel Switch	DS-C9132T-K9

Cisco Nexus 9000 Series Switches

Product/Component	Part Number
Cisco Nexus 9000 Series Switches	
32P 40/100G QSFP28, 2P 1/10G SFP	N9K-C9332C
1-RU 48x1/10GT + 6x40G/100G Ethernet Ports	N9K-C93180TC-FX
Cisco Nexus 7700 F4 40G line card	Cisco Nexus 7700 F4 40G line card
Cisco Nexus 9336C-FX2, 1-RU, fixed-port switch with 36 40/100G QSFP28 ports	N9K-C9336C-FX2
Cisco Nexus 9336C-FX2-E, 1-RU, fixed-port switch with 36 40/100G QSFP28 ports	N9K-C9336C-FX2-E
Cisco Nexus 9000 Fixed with 48p 1/10G/25G SFP and 12p 40G/100G QSFP28	N9K-C93240YC-FX2
32-port 100-Gigabit Ethernet Quad Small Form-Factor Pluggable 28 (QSFP28) line card	N9K-X9732C-FX
48-port 1 and 10GBASE-T plus 4-port 40/100Gigabit Ethernet QSFP 28 line card	N9K-X9788TC-FX

Product/Component	Part Number
48-port 1 and 10GBASE-T plus 4-port 40/100Gigabit Ethernet QSFP 28 line card (BMA)	N9K-X9788TC2-FX
FabricModule for Nexus 9516 chassis 100G support (100G/flow), NX-OS and ACI Spine	N9K-C9516-FM-E2
FabricModule for Nexus 9504 R-Series line card, NX-OS only	N9K-C9504-FM-R
Freta 48p 1/10/25G + 4p 100G line card	N9K-X96160YC-R
100-Gigabit N9K-C9508-FM-E2 Fabric Module	N9K-C9508-FM-E2
48P 1/10/25G + 6x100G QSFP28 1-RU	N3K-C36180YC-R
36 40/100G Ethernet module for Nexus 9500 Series	N9K-X9736C-FX
64x100G QSFP28 + 2x10GSFP 1-RU	N9K-C9364C
36x100G Ethernet module for Nexus 9000 Series	N9K-X9636C-RX
1-RU ToR, fixed module 48 100/1000Mbps + 4 25G SFP28 + 2 100G QSFP28	N9K-C9348GC-FXP
1-RU ToR, fixed module 48 100/1000Mbps + 4 25G SFP28 + 2 100G QSFP28 (BMA)	N9K-C9348GC2-FXP
1-RU ToR, fixed module 48 10/25G SFP28 + 6 40/100G QSFP28	N9K-C93180YC-FX
1-RU ToR, fixed module 48 10/25G SFP28 + 6 40/100G QSFP28 (BMA)	N9K-C93180YC2-FX
1-RU ToR, fixed module for Nexus 9300 Series 6 40G/100G QSFP28 + 48 10G BASE-T	N9K-C93108TC-FX
1-RU ToR, fixed module for Nexus 9300 Series 6 40G/100G QSFP28 + 48 10G BASE-T (BMA)	N9K-C93108TC2-FX
Broadwell CPU-based supervisor module for Nexus 9400 Series	N9K-SUPA-PLUS
Broadwell CPU-based supervisor module for Nexus 9400 Series	N9K-SUPB-PLUS
Nexus 9K Fixed with 48p 10G BASE-T and 6p 40G/100G QSFP28	N9K-C93108TC-EX
N9K-C92300YC-Fixed Module	N9K-C92300YC
48-port 1/10/25 Gigabit Ethernet SFP+ and 4-port 40/100 Gigabit Ethernet QSFP Line Card	N9K-X97160YC-EX
Nexus N9K-C9232C Series fixed module with 32x40G/100G	N9K-C9232C
Nexus 9K Fixed with 48p 1/10G/25G SFP+ and 6p 40G/100G QSFP28	N9K-C93180YC-EX
Cisco Nexus 9000 Series 40GE Modules	
N9K 32p 40G Ethernet Module	N9K-X9432PQ
36p 40G Ethernet Module	N9K-X9636PQ
36-port 40/100 Gigabit Ethernet QSFP28 line card	N9K-X9636C-R
24-port 400/100 Gigabit Ethernet QSFP-DD line card	N9K-X9624D-R2
Fabric Module for Cisco Nexus 9508 R2-Series line cards – Cisco NX-OS only	N9K-C9508-FM-R2
Cisco Nexus 9364D-GX2A Switch with 64p 400/100-Gbps QSFP-DD ports and 2p 1/10 SFP+ ports	N9K-C9364D-GX2A
Cisco Nexus 9332D-GX2B Switch with 32p 400/100-Gbps QSFP-DD ports and 2p 1/10 SFP+ ports	N9K-C9332D-GX2B
Cisco Nexus 9000 Series 10GE Fiber and Copper Modules	

Product/Component	Part Number
8-port 100-Gigabit CFP2 I/O module	N9K-X9408PC-CFP2
100-Gigabit Ethernet uplink ports	N9K-M4PC-CFP2
Cisco Nexus 9500 Line Card support	N9K-X9564PX
N9K 48x1/10G-T 4x40G Ethernet Module	N9K-X9464PX
Cisco Nexus 9500 Line Card support	N9K-X9564TX
N9K 48x1/10G SFP+ 4x40G Ethernet Module	N9K-X9464TX
Cisco Nexus 9000 Series GEM Module	
N9K 40G Ethernet Expansion Module	N9K-M12PQ
N9K 40G Ethernet Expansion Module	N9K-M6PQ
Cisco Nexus 9200 Switches	
Nexus 92160YC-X with High-performance 1-RU box, 48 1/10/25-Gb host ports	N9K-C92160YC-X
Nexus 9272Q with high-performance, 72-port/40-Gb fixed switching 2-RU box, 5.76 Tbps of bandwidth	N9K-C9272Q
Nexus 9200 with 56p 40G QSFP+ and 8p 100G QSFP28	N9K-C92304QC
Nexus 9200 with 36p 40G 100G QSFP28	N9K-C9236C
Nexus 9200 with 48p 1/10G/25G SFP+ and 6p 40G QSFP or 4p 100G QSFP28	N9K-C92160YC-X
Nexus 9200 with 72p 40G QSFP+	N9K-C9272Q
Nexus 9200 with 48p 100M/1G Base-T ports and 4p 1/10/25G SFP28 and 2p 40/100G QSFP28	N9K-C92348GC-X
Cisco Nexus 9300 Fixed Switches	
Nexus 9300 with 1-rack unit (RU), switch with following fixed ports: <ul style="list-style-type: none"> • 48 100M/1/10/25-Gigabit Ethernet SFP28 ports (ports 1–48). • 6 10/25/40/50/100-Gigabit QSFP28 ports (ports 49–54) • One management port (one 10/100/1000BASE-T port) • One console port (RS-232) • 1 USB port 	N9K-C93180YC-FX3
Nexus 9300 with 48p 10G BASE-T and 6p 40G/100G QSFP28, MACsec capable	N9K-C93108TC-FX3P
Nexus 9300 with 48p 1/10G/25G SFP and 6p 40G/100G QSFP28, MACsec, and Unified Ports capable	N9K-C93180YC-FX3S
Nexus 9K Fixed with 96p 1/10G/25G SFP and 12p 40G/100G QSFP28	N9K-C93360YC-FX2
96p 100M/1/10GBASE-T and 12p 40G/100G QSFP28	N9K-C93216TC-FX2
Nexus 9316D Spine and Leaf switch with 28p 100/40G QSFP28 and 8p 400/100G QSFP-DD	N9K-C93600CD-GX
Cisco Nexus 9364C ACI Spine Switch with 64p 40/100G QSFP28, 2p 1/10G SFP	N9K-C9364C-GX

Product/Component	Part Number
Nexus 9316D spine switch with 16p 400/100G QSFP-DD	N9K-C9316D-GX
Nexus 9300 with 24p 40/50G QSFP+ and 6p 40G/100G QSFP28	N9K-C93180LC-EX
9372-PXE - 48 1/10-Gbps (SFP+) ports and 6 Quad SFP+ (QSFP+) uplink port, 1-RU box	N9K-C9372PX-E
Cisco Nexus 9396PX Switch	N9K-C9396PX
Cisco Nexus 9396TX Switch	N9K-C9396TX
Cisco Nexus 9372PX Switch	N9K-C9372TX
Cisco Nexus 9372PX Switch	N9K-C9372TX
Cisco Nexus 9372TX Switch	N9K-C9372TX
Cisco Nexus 9372TX Switch	N9K-C9372PX
Cisco Nexus 9332PQ Switch	N9K-C9332PQ
Cisco Nexus 93128TX Switch	N9K-C93128TX
Nexus 9300 with 48p 1/10G-T and 6p 40G QSFP+	N9K-C9372TX-E
Cisco Nexus 9400 Modular Chassis	
4-rack unit (RU) 8-slot LEM-based modular chassis switch, which is configurable with up to 128 200-Gigabit QSFP56 (256 100-Gigabit by breakout) ports or 64 400-Gigabit ports.	N9K-C9408
Cisco Nexus 9400 CPU card	N9K-C9400-SUP-A
Cisco Nexus 9400 Switch Card	N9K-C9400-SW-GX2A
Cisco Nexus 9400 8p 400G QSFP-DD LEM	N9K-X9400-8D
Cisco Nexus 9400 16p 200G QSFP56 LEM	N9K-X9400-16W
Cisco Nexus 9408 Fan (port-side intake)	N9K-C9400-FAN-PI
Cisco Nexus 9500 Modular Chassis	
New fabric module for the Cisco Nexus 9516 Switch chassis	N9K-C9516-FM-E
40/100G Ethernet Module for Nexus 9500 Series chassis	N9K-X9736C-EX
Cisco Nexus 9504 Switch	N9K-C9504
Cisco Nexus 9508 Switch	N9K-C9508
Cisco Nexus 9516 Switch	N9K-C9516
Nexus 9500 line card, 32p 100G QSFP aggregation line card	N9K-X9732C-EX
Nexus 9500 line card, 32p 100G QSFP28 aggregation line card (line rate >250 Bytes)	N9K-X9432C-S
Cisco Nexus 9500 Fabric Modules	
Fabric Module for Nexus 9504 with 100G support, NX-OS, and ACI spine	N9K-C9504-FM-E
Fabric Module for Nexus 9504 chassis	N9K-C9504-FM-G
Fan tray for Nexus 9504 chassis	N9K-C9504-FAN2

Product/Component	Part Number
Fabric Module for Nexus 9504 with 100G support, NX-OS only	N9K-C9504-FM-S
Fan tray for Nexus 9508 chassis	N9K-C9508-FAN2
Fabric Module for Nexus 9508 chassis 100G support, NX-OS, and ACI spine	N9K-C9508-FM-E
Fabric Module for Nexus 9508 chassis	N9K-C9508-FM-G
Fabric Module for Nexus 9508 chassis 100G support, NX-OS only	N9K-C9508-FM-S
Cisco Nexus 9500 16p 400G QSFP-DD cloud-scale line card	N9K-X9716D-GX
Cisco Nexus 9800 Modular Chassis	
16-RU modular switch with slots for up to 8 Line Cards in addition to two supervisors, 8 fabric modules, 4 fan trays, and 3 power trays.	N9K-C9808
Cisco Nexus 9800 36-port 400G QSFP-DD Line Card with MACsec.	N9K-X9836DM-A
Cisco Nexus 9800 Platform Supervisor Module	N9K-C9800-SUP-A
Cisco Nexus 9800 QSFP line card (maximum of 8 line cards)	N9K-X9836DM-A
Cisco Nexus 9808 fabric module with maximum of 8 modules (7 fabric modules + 1 fabric module for redundancy)	N9K-C9808-FM-A
Cisco Nexus 9800 8-slot chassis fan tray (1st Generation)	N9K-C9808-FAN-A

Cisco Nexus 7000 Series Switches

Product/Component	Part Number
Supported Chassis	
CiscoNexus7702 chassis	N77-C7702
Cisco Nexus 7004 chassis	N7K-C7004
Cisco Nexus 7706 chassis	N77-C7706-FAB2
Cisco Nexus 7009 chassis	N7K-C7009
Cisco Nexus 7010 chassis	N7K-C7010
Cisco Nexus 7018 chassis	N7K-C7018
Cisco Nexus 7710 chassis	N7K-C7710
Cisco Nexus 7718 chassis	N7K-C7718
Fabric module, Cisco Nexus 7009 chassis	N7K-C7009-FAB-2
Fabric module, Cisco Nexus 7010 chassis	N7K-C7010-FAB-1
Fabric module, Cisco Nexus 7010 chassis	N7K-C7010-FAB-2
Fabric module, Cisco Nexus 7018 chassis	N7K-C7018-FAB-1
Fabric module, Cisco Nexus 7018 chassis	N7K-C7018-FAB-2

Product/Component	Part Number
Fabric module, Cisco Nexus 7710 chassis	N77-C7710-FAB-1
Fabric module, Cisco Nexus 7710 chassis	N77-C7710-FAB-2
Fabric module, Cisco Nexus 7718 chassis	N77-C7718-FAB-2
Supported Supervisor	
Cisco Nexus 7000 Supervisor 1 Module	N7K-SUP1
Cisco Nexus 7000 Supervisor 2 Module	N7K-SUP2
Cisco Nexus 7000 Supervisor 2 Enhanced Module	N7K-SUP2E
Cisco Nexus 7700 Supervisor 2 Enhanced Module	N77-SUP2E
Cisco Nexus 7700 Supervisor 3	N77-SUP3E
Supported F Line Cards	
Cisco Nexus 7700 Fabric module 3	N77-C7706-FAB-3, N77-C7710-FAB-3
Line card, N77, FANGIO CB100, 30PT, 40GE, zQFSP+	N77-F430CQ-36
32-port 1/10 Gigabit Ethernet SFP+ I/O Module	N7K-F132XP-15
48-port 1/10 Gigabit Ethernet SFP+ I/O Module (F2 Series)	N7K-F248XP-25
48-port 1/10 Gigabit Ethernet SFP+ I/O Module (Enhanced F2 Series)	N7K-F248XP-25E
48-port 1/10 GBase-T RJ-45 Module (Enhanced F2-Series)	N7K-F248XT-25E
Cisco Nexus 7700 Enhanced 48-port 1/10 Gigabit Ethernet SFP+ I/O Module (F2 Series)	N77-F248XP-23E
Cisco Nexus 7000 1 F3 100G	N7K-F306CK-25
Cisco Nexus 7000 F3-Series 6-Port 100G Ethernet Module	N7K-F306CK-25
Cisco Nexus 7000 F3-Series 12-Port 40G Ethernet Module	N7K-F312FQ-25
Cisco Nexus 7700 F3-Series 24-Port 40G Ethernet Module	N77-F324FQ-25
Cisco Nexus 7700 F3-Series 48-Port Fiber 1 and 10G Ethernet Module	N77-F348XP-23
Nexus 7000 F3-Series 48-Port Fiber 1 and 10G Ethernet Module	N7K-F348XP-25
Supported M Line Cards	
8-port 10-Gigabit Ethernet Module with XL Option (requires X2)	N7K-M108X2-12L
32-port 10-Gigabit Ethernet SFP+ I/O Module	N7K-M132XP-12
32-port 10-Gigabit Ethernet SFP+ I/O Module with XL Option	N7K-M132XP-12L
48-port 10/100/1000 Ethernet I/O Module	N7K-M148GT-11
48-port 1-Gigabit Ethernet SFP I/O Module	N7K-M148GS-11
48-port 1-Gigabit Ethernet Module with XL Option	N7K-M148GS-11L
2-port 100 Gigabit Ethernet I/O Module with XL Option	N7K-M202CF-22L
6-port 40 Gigabit Ethernet I/O Module with XL Option	N7K-M206FQ-23L

Product/Component	Part Number
24-port 10 Gigabit Ethernet I/O Module with XL Option	N7K-M224XP-23L
Network Analysis Module NAM-NX1	N7K-SM-NAM-K9

Cisco Nexus 6000 Series Switches

Product/Component	Part Number
N6004X/5696 chassis	N5K-C5696Q
Note This has been rebranded as Cisco Nexus 5000 Series Switches Chassis.	
Cisco Nexus 6001-64T Switch	N6K-C6001-64T
Cisco Nexus 6001-64P Switch	N6K-C6001-64P
Cisco Nexus 6004 EF Switch	N6K-C6004
Cisco Nexus 6004 module 12Q 40-Gigabit Ethernet line card Expansion Module/FCoE, spare	N6004X-M12Q
Cisco Nexus 6004 M20UP LEM	N6004X-M20UP
Cisco Nexus 6004P-96Q Switch	N6K-6004-96Q

Cisco Nexus 5000 Series Switches

Product/Component	Part Number
Cisco Nexus 5648Q Switch is a 2-RU switch, 24 fixed 40-Gbps QSFP+ ports, and 24 additional 40-Gbps QSFP+ ports	N5K-C5648Q
Cisco Nexus 5624Q Switch 1-RU, -12 fixed 40-Gbps QSFP+ ports and 12 X 40-Gbps QSFP+ ports expansion module	N5K-C5624Q
20 port UP LEM	N5696-M20UP
12 port 40G LEM	N5696-M12Q
4 port 100G LEM	N5696-M4C
N5000 1000 Series Module 6-port 10GE	N5K-M1600(=)
N5000 1000 Series Module 4x10GE 4xFC 4/2/1G	N5K-M1404=
N5000 1000 Series Module 8-port 4/2/1G	N5K-M1008=
N5000 1000 Series Module 6-port 8/4/2G	N5K-M1060=
Cisco Nexus 56128P Switch	N5K-C56128P
Cisco Nexus 5010 chassis	N5K-C5010P-BF
Cisco Nexus 5020 chassis	N5K-C5020P-BF N5K-C5020P-BF-XL
Cisco Nexus 5548P Switch	N5K-C5548P-FA
Cisco Nexus 5548UP Switch	N5K-C5548UP-FA

Product/Component	Part Number
Cisco Nexus 5672UP Switch	N5K-C5672UP
Cisco Nexus 5596T Switch	N5K-C5596T-FA
Cisco Nexus 5596UP Switch	N5K-C5596UP-FA
Cisco Nexus 0296-UPT chassis and GEM N55-M12T support	N5K-C5596T-FA-SUP
16-port Universal GEM, Cisco Nexus 5500	N5K-M16UP
Version 2, Layer 3 daughter card	N55-D160L3-V2

Cisco Nexus 3000 Series Switches

Product/Component	Part Number
Quad Small Form-Factor Pluggable – Double Density (QSFP-DD) switch with 32 ports	N3K-C3432D-S
Nexus 3408-S switch with 32 ports of QSFP-DD	N3K-C3408-S
1-RU 48 x SFP+/SFP28 and 6 x QSFP+/QSFP28	N3K-C34180YC
Cisco Nexus 34200YC-SM Switch with top-of-rack, Layer 2 and 3 switching	N3K-C34200YC-SM
1-RU 32 Port QSFP28 10/25/40/50/100 Gbps	N3K-C3132C-Z
Nexus 3548-XL Switch, 48 SFP+	N3K-C3548P-XL
Nexus 3264C-E switch with 64 QSFP28	N3K-C3264C-E
Cisco Nexus 3132Q Switch	N3K-C3132C-Z
Cisco Nexus 3132Q-V Switch	N3K-C3132Q-V
Nexus 34180YC programmable switch, 48 10/25G SFP, and 6 40/100G QSFP28 ports	N3K-C34180YC
Cisco Nexus 3464C Switch, 64 x QSFP+/QSFP28 ports and 2 x SFP+	N3K-C3464C
Cisco Nexus 3016 Switch	N3K-C3016Q-40GE
Cisco Nexus 3048 Switch	N3K-C3048TP-1GE
Cisco Nexus 3064-E Switch	N3K-C3064PQ-10GE
Cisco Nexus 3064-X Switch	N3K-C3064PQ-10GX
Cisco Nexus 3064-T Switch	N3K-C3064TQ-10GT
Nexus 31108PC-V, 48 SFP+ and 6 QSFP28 ports	N3K-C31108PC-V
Nexus 31108TC-V, 48 10GBase-T RJ-45, and 6 QSFP28 ports	N3K-C31108TC-V
Cisco Nexus 3132Q Switch	N3K-C3132Q-40GE
Nexus 3132 Chassis	N3K-C3132Q-40GX
Cisco Nexus 3172PQ Switch	N3K-C3172PQ-10GE
Cisco Nexus 3548 Switch	N3K-C3548P-10GX
Cisco Nexus 3636C-R Switch	N3K-C3636C-R

Product/Component	Part Number
Cisco Nexus 3550-T Switch	N35-T-48X

Cisco Nexus 2000 Series Fabric Extenders

Product/Component	Part Number
Nexus 2348 Chassis	N2K-C2348TQ-10GE
Cisco Nexus 2348UPQ 10GE 48 x 1/10 Gigabit Ethernet and unified port host interfaces (SFP+) and up to 6 QSFP+ 10/40 Gigabit Ethernet fabric interfaces	N2K-C2348UPQ
Cisco Nexus 2148 1 GE Fabric Extender	N2K-C2148T-1GE
Cisco Nexus 2224TP Fabric Extender	N2K-C2224TP-1GE
Cisco Nexus 2232TM 10GE Fabric Extender	N2K-C2232TM-10GE
Cisco Nexus 2232TM 10GE Fabric Extender	N2K-C2232TM-E-10GE
Cisco Nexus 2232PP 10 GE Fabric Extender	N2K-C2232PP-10GE
Cisco Nexus 2248TP 1 GE Fabric Extender	N2K-C2248TP-1GE
Cisco Nexus 2248TP E GE Fabric Extender	N2K-C2248TP-E GE
Cisco Nexus 2248PQ Fabric Extender	N2K-C2248PQ-10GE
Cisco Nexus B22 Fabric Extender for HP	N2K-B22HP-P
Cisco Nexus B22 Fabric Extender for Fujitsu	N2K-B22FTS-P
Cisco Nexus B22 Fabric Extender for Dell	N2K-B22DELL-P
Cisco Nexus 2348TQ-E 10GE Fabric Extender	N2K-C2348TQ-E++

Supported Non-Nexus Devices

- Cisco ASR 1001-X
- Cisco ASR 1002-HX
- Cisco ASR-9001
- Cisco Catalyst 8000V, 8200, 8300, 8500 series routers
- Cisco Catalyst 9300-48U
- Cisco Catalyst 9300-24T
- Cisco Catalyst 9300-48P
- Cisco Catalyst 9500-48YC
- Cisco Catalyst 9500-32C
- Cisco CSR 1000v
- Cisco NCS 5501

- Cisco 8000 series routers
- Arista DCS-7050SX3-48YC12

Supported IBM Directors and Switches

- IBM SAN192C-6 8978-E04 (4 Module) SAN Director
- IBM SAN384C-6 8978-E08 (8 Module) SAN Director
- IBM SAN768C-6 8978-E16 (16 Module) SAN Director
- IBM SAN50C-R 8977-R50 50-Port SAN Extension Switch
- IBM SAN32C-6 8977-T32 32X32G FC SAN Switch
- IBM SAN48C-6 8977-T48 48X32G FC SAN Switch
- IBM SAN96C-6 8977-T96 96X32G FC SAN Switch
- IBM SAN16C-R 8977-R16 SAN Switch Extension Switch

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