

# Cisco QDD-400-AOC7M Compatibility Matrix Datasheet



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## Compatible Devices:

C9500  
 NCS1000  
 15454W  
 NCS5500  
 N9300  
 N9500  
 NCS540  
 N9800  
 8000 Series

## NCS540

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N540-24Q8L2DD-SYS	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.8.1	—

## C9500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
C9500X-28C8D	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XE 17.9.2	—
C9500X-60L4D	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XE 17.10.1	—

## 15454W

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NCS2K-1.2T-MXP	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		12.2	—

## N9800

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-X98900CD-A	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.4(1)	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
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Network Device Notes for above line :

- All 400G optics and cables will be supported only on ports [3,6,9,12,15,18,21,27,30,33,36,39,42,45]

## 8000 Series

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
8201	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.1	—
8202	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.1	—
8800-LC-36FH	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.1	—
8201-32FH	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.15	—
88-LC0-36FH-M	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.15	—
88-LC0-36FH	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.15	—
8101-32FH	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.2	—
8202-32FH-M	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.5.2	—
8201-24H8FH	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.5.2	—
86-MPA-14H2FH-M	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
86-MPA-4FH-M	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—

## NCS5500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NC57-18DD-SE	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
NC57-MPA-2D4H-S	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.4.1	—

Network Device Notes for above line :

- In conjunction with both NCS-57C3 and NC57-MOD-S platforms

NC57-MPA-2D4H-S	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
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Network Device Notes for above line :

- In conjunction with NCS-57C3 platform.

NC57-36H6D-S	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
NC57-MOD-S	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
NCS-57D2-18DD-S	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.8.1	—
NC57-MPA-1FH1D-S	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.8.1	—

Network Device Notes for above line :

- On NCS-57C3-MOD (800G slots) and NC57-MOD

NC57-48Q2D-S	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
NC57-48Q2D-SE-S	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—

## N9300

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-C93600CD-GX	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-C93600CD-GX	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		ACI-N9KDK9-14.2(2)	—
N9K-C9316D-GX	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—
N9K-C9332D-GX2B	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		ACI-N9KDK9-15.2(3)	—
N9K-C9332D-GX2B	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—
N9K-C9348D-GX2A	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		ACI-N9KDK9-15.2(5)	—
N9K-C9348D-GX2A	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—
N9K-C9364D-GX2A	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		ACI-N9KDK9-15.2(5)	—
N9K-C9364D-GX2A	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—
N9K-C9332D-H2R	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.4(1)	—

## NCS1000

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
NCS1K4-2-QDD-C-K9	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.1	—

## N9500

Network Device Product ID	Transceiver Product ID	Transceiver Business Unit	Data Rate	Form Factor	Reach	Cable Type	Media	Connector Type	Transceiver Type	Case Temp	DOM Capable	Min Software Support	DOM Support
N9K-X9400-8D	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—
Network Device Notes for above line :													
• Only on N9K-C9408													
N9K-X9400-8D	QDD-400-AOC7M	TMG	400 Gbps	QSFP-DD	7m	Preterminated cable	AOC	N/A	Cable	0 to 70C		ACI-N9KDK9-16.0(2h)	—