

# Cisco QDD-400-AOC25M Compatibility Matrix Datasheet



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## Compatible Devices:

C9500  
NCS1000  
NCS5500  
N9300  
N9500  
N9800  
8000 Series

### 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-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XE 17.9.2	—
C9500X-60L4D	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XE 17.10.1	—

### 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-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.4(1)	—

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-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.1	—
8202	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.1	—
8800-LC-36FH	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.1	—
8201-32FH	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.15	—
88-LC0-36FH-M	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.15	—
88-LC0-36FH	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.15	—
8101-32FH	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.3.2	—
8202-32FH-M	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.5.2	—
8201-24H8FH	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.5.2	—

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
86-MPA-14H2FH-M	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
86-MPA-4FH-M	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	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-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
NC57-MPA-2D4H-S	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	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-AOC25M	TMG	400 Gbps	QSFP-DD	25m	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-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
NC57-MOD-S	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
NC57-57D2-18DD-S	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.8.1	—
NC57-MPA-1FH1D-S	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	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-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		IOS XR 7.10.1	—
NC57-48Q2D-SE-S	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	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-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—
N9K-C93600CD-GX	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		ACI-N9KDK9-14.2(2)	—
N9K-C9316D-GX	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—
N9K-C9332D-GX2B	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		ACI-N9KDK9-15.2(3)	—
N9K-C9332D-GX2B	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—
N9K-C9348D-GX2A	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		ACI-N9KDK9-15.2(5)	—
N9K-C9348D-GX2A	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—
N9K-C9364D-GX2A	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		ACI-N9KDK9-15.2(5)	—
N9K-C9364D-GX2A	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		NX-OS 10.3(2)	—
N9K-C9332D-H2R	QDD-400-AOC25M	TMG	400 Gbps	QSFP-DD	25m	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-	QDD-400-	TMG	400	QSFP-	25m	Preterminated	AOC	N/A	Cable	0 to		IOS XR	—

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
C-K9	AOC25M		Gbps	DD		cable				70C		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-AOC25M	TMG	400 Gbps	QSFP-DD	25m	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-AOC25M	TMG	400 Gbps	QSFP-DD	25m	Preterminated cable	AOC	N/A	Cable	0 to 70C		ACI-N9KDK9-16.0(2h)	—