

Cisco QSFP-100G-ZR4-S Compatibility Matrix Datasheet



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Compatible Devices:

C9500
 NCS5500
 NCS4000
 N9300
 N3000
 N9500
 N9200
 ASR9000
 NCS540
 NCS560
 C9600
 N9800
 8000 Series

NCS560

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
N560-IMA-2C	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
N560-IMA-2C-DD	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1

N9200

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-C92348GC-X	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)

ASR9000

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
A99-12X100GE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
A9K-4X100GE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.11.1	IOS XR 64 Bit 7.11.1

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
ASR-9901	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.11.1	IOS XR 64 Bit 7.11.1
Network Device Notes for above line : • Supports up to 20 QSFP-100G-ZR4-S modules													
A9K-20HG-FLEX-TR	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.11.1	IOS XR 64 Bit 7.11.1
Network Device Notes for above line : • Supports up to 20 QSFP-100G-ZR4-S modules													
A9K-8HG-FLEX-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 8 QSFP-100G-ZR4-S modules													
A9K-8HG-FLEX-TR	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 8 QSFP-100G-ZR4-S modules													
A99-32X100GE-X-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 32 QSFP-100G-ZR4-S modules													
A99-32X100GE-X-TR	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 32 QSFP-100G-ZR4-S modules													
A99-32HG-FC	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 32 QSFP-100G-ZR4-S modules													
A9K-20HG-FLEX-FC	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.11.1	IOS XR 64 Bit 7.11.1
Network Device Notes for above line : • Supports up to 20 QSFP-100G-ZR4-S modules													
A9K-8HG-FLEX-FC	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 8 QSFP-100G-ZR4-S modules													
ASR-9903	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 16 QSFP-100G-ZR4-S modules													
A9K-4HG-FLEX-TR	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 4 QSFP-100G-ZR4-S modules													
A9K-4HG-FLEX-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 4 QSFP-100G-ZR4-S modules													
A99-4HG-FLEX-TR	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 4 QSFP-100G-ZR4-S modules													
A99-4HG-FLEX-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 4 QSFP-100G-ZR4-S modules													
ASR-9902	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.11.1	IOS XR 64 Bit 7.11.1
Network Device Notes for above line : • Supports up to 8 QSFP-100G-ZR4-S modules													
ASR-9903-FC	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1

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
Network Device Notes for above line : • Supports up to 16 QSFP-100G-ZR4-S modules													
ASR-9902-FC	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.11.1	IOS XR 64 Bit 7.11.1
Network Device Notes for above line : • Supports up to 8 QSFP-100G-ZR4-S modules													
A9K-4HG-FLEX-FC	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 4 QSFP-100G-ZR4-S modules													
A99-4HG-FLEX-FC	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 4 QSFP-100G-ZR4-S modules													
A99-12X100GE-FC	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
A99-8HG-FLEX-TR	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 8 QSFP-100G-ZR4-S modules													
A99-8HG-FLEX-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 8 QSFP-100G-ZR4-S modules													
A99-8HG-FLEX-FC	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 64 Bit 7.7.1	IOS XR 64 Bit 7.7.1
Network Device Notes for above line : • Supports up to 8 QSFP-100G-ZR4-S modules													

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
N540-24Z8Q2C-SYS	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.7.1	IOS XR 7.7.1
N540-ACC-SYS	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.7.1	IOS XR 7.7.1
N540X-ACC-SYS	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.7.1	IOS XR 7.7.1
N540X-16Z4G8Q2C-A	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.7.1	IOS XR 7.7.1
N540X-16Z4G8Q2C-D	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.7.1	IOS XR 7.7.1
N540-28Z4C-SYS-A	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
N540-28Z4C-SYS-D	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
N540-FH-CSR-SYS	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
N540-24Q8L2DD-SYS	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
N540-FH-AGG-SYS	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
N540X-16Z8Q2C-D	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.7.1	IOS XR 7.7.1

N3000

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
N3K-C36180YCR	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N3K-C3636C-R	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(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-X9836DM-A	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F
N9K-X98900CD-A	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F

C9600

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
C9600-LC-24C	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.12.1	IOS XE 17.12.1

Network Device Notes for above line :

- When in use with C9600X-SUP-2.

C9600-LC-40YL4CD	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.12.1	IOS XE 17.12.1
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Network Device Notes for above line :

- When in use with C9600X-SUP-2.

C9600X-LC-56YL4C	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.13.1	IOS XE 17.13.1
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Network Device Notes for above line :

- When in use with C9600X-SUP-2.

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-C93180YC-FX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9348GC-FXP	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)

Network Device Notes for above line :

- Supported on ports 53 and 54 only.

N9K-C93240YC-FX2	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9336C-FX2	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.3(3)F	NX-OS 10.3(3)F
N9K-C93108TC-FX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9364C	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9332C	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C93360YC-FX2	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C93216TC-FX2	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C93600CD-GX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9316D-GX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9364C-GX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C93180YC-FX3	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9336C-FX2-E	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C93108TC-FX3P	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9332D-GX2B	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9348D-GX2A	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9364D-GX2A	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	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
N9K-C93108TC-FX3	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F
N9K-C93400LD-H1	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F

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-X97160YC-EX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-X9636C-R	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-X9636C-RX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-X9736C-FX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-X9788TC-FX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-X9732C-FX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-X9716D-GX	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-X9624D-R2	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-X9400-8D	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-X9400-16W	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	NX-OS 10.4(1)	NX-OS 10.4(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	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.12.1	IOS XE 17.12.1
C9500X-60L4D	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XE 17.12.1	IOS XE 17.12.1

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	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
8202	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
8800-LC-36FH	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
8800-LC-48H	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
8201-32FH	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
88-LC0-36FH-M	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
88-LC0-36FH	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
8101-32FH	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
8101-32H	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
8102-64H	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
88-LC0-34H14FH	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
8202-32FH-M	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
8201-24H8FH	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1

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
86-MPA-14H2FH-M	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.10.1	IOS XR 7.10.1
86-MPA-4FH-M	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.10.1	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
NC55-24X100G-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NC55-18H18F	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NC55-24H12F-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NC55-36X100G-A-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
NCS-5501	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.6.2	IOS XR 7.6.2

Network Device Notes for above line :

- Requires SMU. No SMU required from IOS XR 7.10.1

NCS-5501-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
NCS-5502	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NCS-5502-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NCS-55A1-36H-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NCS-55A1-24H	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1

Network Device Notes for above line :

- Supports up to 6 QSFP-100G-ZR4-S modules

NCS-55A1-36H-SE-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NC55-MPA-4H-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1

Network Device Notes for above line :

- In conjunction with NCS-55A2 platform

NC55-MPA-4H-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
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Network Device Notes for above line :

- In conjunction with NCS-57C3 and NC55-MOD platforms

NC55-MPA-4H-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
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Network Device Notes for above line :

- In conjunction with NC57-MOD-S platform

NC55-MPA-4H-HD-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1
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Network Device Notes for above line :

- In conjunction with NCS-55A2 platform

NC55-MPA-1TH2H-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NCS-55A1-48Q6H	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NCS-55A1-24Q6H-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NC55-MPA-4H-HX-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1

Network Device Notes for above line :

- In conjunction with NCS-55A2 platform

NC57-24DD	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
NC57-18DD-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
NCS-55A1-24Q6H-SS	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NC55-32T16Q4H-A	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NC57-36H-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
NCS-57B1-6D24H-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
NCS-57B1-5D24-SE	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
NC57-MPA-2D4H-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.6.1	IOS XR 7.6.1

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
Network Device Notes for above line : • In conjunction with NC57-MOD-S platform													
NC57-MPA-2D4H-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
Network Device Notes for above line : • In conjunction with NCS-57C3 platform													
NC57-MPA-2D4H-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
Network Device Notes for above line : • In conjunction with NC57-MOD-S platform													
NC57-36H6D-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.8.1	IOS XR 7.8.1
NC57-MOD-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NCS-57C1-48Q6-SYS	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1
NC57-48Q2D-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.10.1	IOS XR 7.10.1
NC57-48Q2D-SE-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.10.1	IOS XR 7.10.1
NCS-57C1-48Q6D-S	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 7.9.1	IOS XR 7.9.1

NCS4000

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
NCS4K-4H-OPW-QC2	QSFP-100G-ZR4-S	TMG	100 Gbps	QSFP28	80km	Duplex Fiber	SMF	LC (UPC)	Optic	0 to 70C	Y	IOS XR 6.5.33	IOS XR 6.5.33