

Cisco QSFP-100G-SM-SR Compatibility Matrix Datasheet



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N9200
ASR9000
ASR1000
NCS540
NCS560
CBR8
C9600
N9800
N7700
8000 Series
C8500
C9300X
UCSX
C9400X

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-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.6.25	IOS XR 6.6.25
N560-IMA-2C-DD	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.1	IOS XR 7.3.1

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-C92160YC-X	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0315.1	NX-OS 7.0315.1
N9K-C92300YC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 70316.1	NX-OS 70316.1
N9K-C9236C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.3.3	NX-OS 9.3.3
N9K-C92304QC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0315.1	NX-OS 7.0315.1
N9K-C92348GC-X	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.3.1	NX-OS 9.3.1

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-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.6.1	IOS XR 6.6.1
A99-12X100GE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 6.6.1	IOS XR 64 Bit 6.6.1
A9K-4X100GE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.6.1	IOS XR 6.6.1
A9K-4X100GE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 6.6.1	IOS XR 64 Bit 6.6.1
A99-32X100GE-TR	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 6.6.1	IOS XR 64 Bit 6.6.1
A9K-16X100GE-TR	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 6.6.1	IOS XR 64 Bit 6.6.1
ASR-9901	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.5.1	IOS XR 64 Bit 7.5.1
A9K-20HG-FLEX-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
A9K-20HG-FLEX-TR	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
A9K-8HG-FLEX-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
A9K-8HG-FLEX-TR	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
A99-32X100GE-X-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
A99-32X100GE-X-TR	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
A99-32HG-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
A9K-20HG-FLEX-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
A9K-8HG-FLEX-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.15	IOS XR 64 Bit 7.1.15
A99-16X100GE-X-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 6.6.1	IOS XR 64 Bit 6.6.1
ASR-9903	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.3	IOS XR 64 Bit 7.1.3
A9903-20HG-PEC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.3	IOS XR 64 Bit 7.1.3
A99-10X400GE-X-TR	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
A99-10X400GE-X-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
A9K-4HG-FLEX-TR	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1

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
A9K-4HG-FLEX-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
A99-4HG-FLEX-TR	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
A99-4HG-FLEX-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
ASR-9902	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
A99-4T-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
A9903-20HG-PEC-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.3	IOS XR 64 Bit 7.1.3
ASR-9903-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.1.3	IOS XR 64 Bit 7.1.3
ASR-9902-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
A9K-4HG-FLEX-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
A99-4HG-FLEX-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.4.1	IOS XR 64 Bit 7.4.1
A99-12X100GE-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.6.1	IOS XR 6.6.1
A99-12X100GE-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 6.6.1	IOS XR 64 Bit 6.6.1
A99-16X100GE-X-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 6.6.1	IOS XR 64 Bit 6.6.1
ASR-9901-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 7.5.1	IOS XR 64 Bit 7.5.1
A99-32X100GE-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 6.6.1	IOS XR 64 Bit 6.6.1
A9K-16X100GE-FC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 64 Bit 6.6.1	IOS XR 64 Bit 6.6.1

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-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.3.2	IOS XR 6.3.2
N540-ACC-SYS	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.3.2	IOS XR 6.3.2
N540X-ACC-SYS	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.3.2	IOS XR 6.3.2
N540X-16Z4G8Q2C-A	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.1	IOS XR 7.0.1
N540X-16Z4G8Q2C-D	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.1	IOS XR 7.0.1
N540-28Z4C-SYS-A	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.1	IOS XR 7.0.1
N540-28Z4C-SYS-D	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.1	IOS XR 7.0.1
N540-FH-CSR-SYS	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.1	IOS XR 7.3.1
N540-24Q8L2DD-SYS	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.4.1	IOS XR 7.4.1
N540-FH-AGG-SYS	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.2	IOS XR 7.3.2
N540X-16Z8Q2C-D	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.5.2	IOS XR 7.5.2

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-C3232C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0(3)I6(1)	NX-OS 7.0(3)I1(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
N3K-C36180YC-R	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(1)	NX-OS 9.2(1)
N3K-C31108PC-V	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0(3)I6(1)	NX-OS 7.0(3)I6(1)
N3K-C31108TC-V	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0(3)I6(1)	NX-OS 7.0(3)I6(1)
N3K-C3636C-R	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(1)	NX-OS 9.2(1)
N3K-C3264C-E	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(1)	NX-OS 9.2(1)
N3K-C3132C-Z	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(2)	NX-OS 9.2(2)
N3K-C34180YC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2.2	NX-OS 9.2.2
N3K-C3408-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(2t)	NX-OS 9.2(2t)

Network Device Notes for above line :

• Supported on 100G and 400G LEM

N3K-C3432D-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(2t)	NX-OS 9.2(2t)
N3K-C34200YC-SM	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(2V)	NX-OS 9.2(2V)

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-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.3(1)	NX-OS 10.3(1)
N9K-X98900CD-A	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)

N7700

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
N77-M312CQ-26L	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 8.2(1)	NX-OS 8.2(1)

C8500

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
C8500-12X4QC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.3.2	IOS XE 17.3.2
C8500-20X6C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.10.1	IOS XE 17.10.1

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-C93180YC-EX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-11.3(2)	ACI-N9KDK9-13.0(1)
N9K-C93180YC-EX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.03I5.1	NX-OS 7.03I5.1
N9K-C93180YC-FX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.03I7.1	NX-OS 7.03I7.1

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-C93180YCFX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-12.2(2)	ACI-N9KDK9-13.0.1
N9K-C9348GCFXP	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-13.0(1)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • Supported on ports 53 and 54 only													
N9K-C9348GCFXP	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7037.1	NX-OS 7037.1
Network Device Notes for above line : • Supported on ports 53 and 54 only.													
N9K-C93240YCFX2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7037.3	NX-OS 7037.3
Network Device Notes for above line : • Breakout not supported													
N9K-C93240YCFX2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Network Device Notes for above line : • Supported on ports 49-60													
N9K-C93240YCFX2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Network Device Notes for above line : • Supported on ports 49-60													
N9K-C9336CFX2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.03.17.3	NX-OS 7.03.17.3
N9K-C9336CFX2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-13.1(2)	ACI-N9KDK9-13.1(2)
Network Device Notes for above line : • Supported on ports 1-36													
N9K-C93108TC-EX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-12.0(1)	ACI-N9KDK9-13.0(1)
N9K-C93108TC-EX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0315.1	NX-OS 7.0315.1
N9K-C93180LC-EX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 70316.1	NX-OS 70317.1
Network Device Notes for above line : • Supported on ports 29-32.													
N9K-C93180LC-EX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 70317.1	NX-OS 70317.1
Network Device Notes for above line : • Hardware profile port mode: 28x40G+4x100G - ports 29-32, 24x40G+6x100G - ports 25,27,29-32, 18x100G ports - 1,3,5,...27,29-32													
N9K-C93180LC-EX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-12.2(1)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • QSFP Ports (1-24,25,27,29-32; breakout on odd ports only from 1- 24; 26 and 28 are hw-disabled). Breakout supported in ACI-N9KDK9-13.1(1).													
N9K-C93108TC-FX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 70317.1	NX-OS 70317.1
N9K-C93108TC-FX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-12.2(2)	ACI-N9KDK9-13.0(1)
N9K-C9364C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-13.0(1)	ACI-N9KDK9-13.0(1)
Network Device Notes for above line : • Supported on ports 1 to 64 only.													
N9K-C9364C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 70317.2	NX-OS 70317.2
N9K-C9332C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(3)	NX-OS 9.2(3)
Network Device Notes for above line : • Supported on ports 1-32													
N9K-C9332C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-14.0(1)	ACI-N9KDK9-14.0(1)
Network Device Notes for above line : • Supported on ports 1-32													
N9K-C93360YCFX2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-14.1(2)	ACI-N9KDK9-14.1(2)
N9K-C93360YCFX2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-14.1(2)	ACI-N9KDK9-14.1(2)
N9K-C93360YCFX2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.3.1	NX-OS 9.3.1
N9K-C93216TC-FX2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.3.1	NX-OS 9.3.1
N9K-C93216TC-FX2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-14.1(2)	ACI-N9KDK9-14.1(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	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-14.2(2)	ACI-N9KDK9-14.2(2)
N9K-C93600CD-GX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.3(3)	NX-OS 9.3(3)
N9K-C9316D-GX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-14.2(2)	ACI-N9KDK9-14.2(2)
N9K-C9316D-GX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.3(3)	NX-OS 9.3(3)
N9K-C9364C-GX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.3(3)	NX-OS 9.3(3)
N9K-C9364C-GX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-14.2(3)	ACI-N9KDK9-14.2(3)
N9K-C93180YC-FX3S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.3(5)	NX-OS 9.3(5)
N9K-C93180YC-FX3	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.3(7)	NX-OS 9.3(7)
N9K-C93180YC-FX3	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-15.1(3)	ACI-N9KDK9-15.1(3)
N9K-C93180YC-FX3	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-15.1(3)	ACI-N9KDK9-15.1(3)
N9K-C93180YC-FX3	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.1(1)	NX-OS 10.1(1)
N9K-C9336C-FX2-E	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.1.1	NX-OS 10.1.1
N9K-C9336C-FX2-E	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-15.2(4)	ACI-N9KDK9-15.2(4)

Network Device Notes for above line :

- Supported on ports 1-36

N9K-C93108TC-FX3P	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-15.1(3)	ACI-N9KDK9-15.1(3)
N9K-C93108TC-FX3P	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.3.5	NX-OS 9.3.5
N9K-C9332D-GX2B	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-15.2(3)	ACI-N9KDK9-15.2(3)
N9K-C9332D-GX2B	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.2(1q) F	NX-OS 10.2(1q) F
N9K-C9348D-GX2A	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-15.2(5)	ACI-N9KDK9-15.2(5)
N9K-C9348D-GX2A	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.2(3) F	NX-OS 10.2(3) F
N9K-C9364D-GX2A	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-15.2(5)	ACI-N9KDK9-15.2(5)
N9K-C9364D-GX2A	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.2(3) F	NX-OS 10.2(3) F
N9K-C9332D-H2R	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9348GC-FX3	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9348GC-FX3	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-16.0(5)	ACI-N9KDK9-16.0(5)
N9K-C9348GC-FX3PH	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.4(1)	NX-OS 10.4(1)
N9K-C9232E-B1	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F
N9K-C93108TC-FX3	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F
N9K-C93108TC-FX3	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-16.0(5)	ACI-N9KDK9-16.0(5)
N9K-C93400LD-H1	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.4(2)F	NX-OS 10.4(2)F

ASR1000

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
EPA-QSFP-1X100GE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 16.12.1	

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-X9636C-R	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(1)	NX-OS 9.2(1)
N9K-X9636C-RX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(1)	NX-OS 9.2(1)
N9K-X9432C-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0315.1	NX-OS 7.0315.1
N9K-X9732C-EX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-12.2	ACI-N9KDK9-13.0(1)
N9K-X9732C-EX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0315.1	NX-OS 7.0315.1
N9K-X9736C-FX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-13.0(1)	ACI-N9KDK9-13.0(1)
N9K-X9736C-FX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0(3)17(3)	NX-OS 7.0(3)17(3)
N9K-X9736C-EX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0(3)16(1)	NX-OS 7.0(3)16(1)
N9K-X9788TC-FX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.03.17.3	NX-OS 7.03.17.3

Network Device Notes for above line :

• Uplinks only.

N9K-X9732C-FX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 7.0315.1	NX-OS 7.0315.1
N9K-X96136YC-R	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 9.2(1)	NX-OS 9.2(1)
N9K-X9716D-GX	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.1(1)	NX-OS 10.1(1)
N9K-X9624D-R2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.1(2)	NX-OS 10.1(2)
N9K-X9400-8D	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-16.0(2h)	ACI-N9KDK9-16.0(2h)
N9K-X9400-16W	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	NX-OS 10.3(2)	NX-OS 10.3(2)
N9K-X9400-16W	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	ACI-N9KDK9-16.0(2h)	ACI-N9KDK9-16.0(2h)

C9400

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
C9400-LC-12QC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.12.1	IOS XE 17.12.1

C9300X

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
C9300X-NM-2C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.5.1	IOS XE 17.5.1
C9300X-NM-4C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.5.1	IOS XE 17.5.1

Network Device Notes for above line :

• Uplink module C9300X-NM-4C is supported in the C9300X-48HX, C9300X-48TX and C9300X-24Y.

UCSX

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
UCSX-FI-6536	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.2.2	UCS Manager v4.2.2

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
UCSX-FI-6536-U	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.2.2	UCS Manager v4.2.2
UCSX-I-9108-100G	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IMM v4.2.2	—
UCS-FI-6536	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.2.3	UCS Manager v4.2.3
UCSX-FI-6454-U	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
UCSX-FI-64108-U	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)

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
C9500-24Y4C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 16.8.1	IOS XE 16.8.1
C9500-48Y4C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 16.8.1	IOS XE 16.8.1
C9500-32QC	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 16.8.1	IOS XE 16.8.1
C9500-32C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 16.8.1	IOS XE 16.8.1
C9500X-28C8D	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.8.1	IOS XE 17.8.1
C9500X-60L4D	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.10.1	IOS XE 17.10.1

CBR8

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
CBR-SUP-250G	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 16.7.1	IOS XE 16.7.1
CBR-DPIC-2X100G	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 16.12.1	IOS XE 16.12.1

NCS6000

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
NC6-20X100GE-M-C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.4.1	IOS XR 6.4.1
NC6-20X100GE-L-C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.4.1	IOS XR 6.4.1

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-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.1.42	IOS XR 6.1.42

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-400G-XP	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	10.7	10.7
NCS2K-1.2T-MXP	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	12.2	12.2

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-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 16.11.1	IOS XE 16.11.1
Network Device Notes for above line : • When in use with C9600-SUP-1.													
C9600-LC-24C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Network Device Notes for above line : • When in use with C9600X-SUP-2.													
C9600-LC-40YL4CD	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.7.1	IOS XE 17.7.1
Network Device Notes for above line : • When in use with C9600X-SUP-2.													
C9600-LC-40YL4CD	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.8.1	IOS XE 17.8.1
Network Device Notes for above line : • When in use with C9600-SUP-1.													
C9600X-LC-32CD	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.9.1	IOS XE 17.9.1
Network Device Notes for above line : • When in use with C9600X-SUP-2.													
C9600X-LC-56YL4C	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.13.1	IOS XE 17.13.1
Network Device Notes for above line : • When in use with C9600X-SUP-2.													

C9400X

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
C9400X-SUP-2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.7.1	IOS XE 17.7.1
C9400X-SUP-2XL	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XE 17.7.1	IOS XE 17.7.1

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-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.14	IOS XR 7.0.14
8202	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.1	IOS XR 7.3.1
8800-LC-36FH	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.12	IOS XR 7.0.12
Network Device Notes for above line : • Supports 100Gb/s data rate only. Breakout support from IOS XR 7.3.1.													
8800-LC-48H	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.12	IOS XR 7.0.12
8201-32FH	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP2 8	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.15	IOS XR 7.3.15

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
88-LC0-36FH-M	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.15	IOS XR 7.3.15
88-LC0-36FH	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.15	IOS XR 7.3.15
8101-32FH	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.2	IOS XR 7.3.2
8101-32H	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.3	IOS XR 7.3.3
8102-64H	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.3	IOS XR 7.3.3
88-LC0-34H14FH	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.3	IOS XR 7.3.3
8202-32FH-M	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.5.2	IOS XR 7.5.2
8201-24H8FH	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.5.2	IOS XR 7.5.2
86-MPA-14H2FH-M	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.10.1	IOS XR 7.10.1
86-MPA-4FH-M	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.10.1	IOS XR 7.10.1

UCSC

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
UCSC-M-V5D200G	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.2.3	UCS Manager v4.2.3
Network Device Notes for above line : • VIC 15238													
UCSC-M-V5D200G-D	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.3.1	UCS Manager v4.3.1
Network Device Notes for above line : • VIC 15238													
UCSC-P-V5D200G	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.2.3	UCS Manager v4.2.3
Network Device Notes for above line : • VIC 15235													
UCSC-P-V5D200G-D	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.3.1	UCS Manager v4.3.1
Network Device Notes for above line : • VIC 15235													
UCSC-M-V5D200GV2	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.3(2c)	UCS Manager v4.3(2c)
Network Device Notes for above line : • VIC 15237													
UCSC-M-V5D200GV2D	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.3(2c)	UCS Manager v4.3(2c)
Network Device Notes for above line : • VIC 15237													

UCSB

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
UCS-FI-6454	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
UCS-FI-64108	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
UCS-FI-64108-U	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)
UCS-FI-6454-U	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	UCS Manager v4.0(1a)	UCS Manager v4.0(1a)

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
NC55-36X100G	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.1.2	IOS XR 6.1.2
NC55-24X100G-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.1.2	IOS XR 6.1.2
NC55-18H18F	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.1.2	IOS XR 6.1.2
NC55-24H12F-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.1.2	IOS XR 6.1.2
NC55-36X100G-A-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.3.1	IOS XR 6.3.1
NCS-5501	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.3.1	IOS XR 6.3.1
NCS-5501-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.3.1	IOS XR 6.3.1
NCS-5502	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.3.1	IOS XR 6.3.1
NCS-5502-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.3.1	IOS XR 6.3.1
NCS-55A1-36H-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.2.2	IOS XR 6.2.2
NCS-55A1-24H-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.3.1	IOS XR 6.3.1
NC55-36X100G-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.2.2	IOS XR 6.2.2
NCS-55A1-36H-SE-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.3.2	IOS XR 6.3.2
NC55-MPA-4H-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.6.25	IOS XR 6.6.25
NC55-MPA-4H-HD-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.6.25	IOS XR 6.6.25
NC55-MPA-1TH2H-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.6.25	IOS XR 6.6.25
NCS-55A1-48Q6H	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.6.25	IOS XR 6.6.25
NCS-55A1-24Q6H-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.6.25	IOS XR 6.6.25
NC55-MPA-4H-HX-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.6.25	IOS XR 6.6.25
NC57-24DD	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.2	IOS XR 7.0.2
NC57-18DD-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.2	IOS XR 7.0.2
NCS-55A1-24Q6H-SS	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.2.1	IOS XR 7.2.1
NC55-32T16Q4H-A	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.2	IOS XR 7.3.2
NC57-36H-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.2.2	IOS XR 7.2.2
NCS-57B1-6D24H-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.1	IOS XR 7.3.1
NCS-57B1-5D24-SE	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.1	IOS XR 7.3.1
NC57-MPA-2D4H-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.4.1	IOS XR 7.4.1
Network Device Notes for above line :													
• In conjunction with NCS-57C3 platform													
NC57-MPA-2D4H-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.6.1	IOS XR 7.6.1
Network Device Notes for above line :													
• In conjunction with NC57-MOD-S platform													
NCS-57C3-MOD-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.4.1	IOS XR 7.4.1
NCS-57C3-MOD-SE-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.4.1	IOS XR 7.4.1
NC57-36H6D-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.2	IOS XR 7.3.2
NC57-MOD-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.6.1	IOS XR 7.6.1
NCS-57C1-48Q6-SYS	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.5.2	IOS XR 7.5.2
NCS-57D2-18DD-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.8.1	IOS XR 7.8.1
NC57-48Q2D-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.10.1	IOS XR 7.10.1
NC57-48Q2D-SE-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.10.1	IOS XR 7.10.1

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
NCS-57C1-48Q6D-S	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.5.2	IOS XR 7.5.2

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
NCS1002-K9	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 6.5.2	IOS XR 6.5.2
NCS1K4-1.2TL-K9	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.1	IOS XR 7.0.1
NCS1K4-1.2T-K9	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.0.1	IOS XR 7.0.1
NCS1K4-OTN-XP	QSFP-100G-SM-SR	TMG	100 Gbps	QSFP28	2km	Duplex Fiber	SMF	LC (UPC)	Optic	10 to 60C	Y	IOS XR 7.3.1	IOS XR 7.3.1