



Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

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Requirements and procedures for initial configurations and software upgrades tend to change and therefore appear only in the switch or router software release notes. Before installing, configuring, or upgrading a switch, refer to the product release notes on Cisco.com for the latest information. This matrix does not replace or supersede the release notes.

This publication lists the Cisco platforms and minimum required software versions to support 10-Gigabit Ethernet transceiver modules.

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10-Gigabit Ethernet Transceiver Module Models

SFP+ Transceivers	
Model Number	Transceiver Description
SFP-10G-SR=	10GBASE-SR SFP+ transceiver module for MMF, 850-nm wavelength, LC duplex connector
SFP-10G-SR-S=	10GBASE-SR SFP+ transceiver module for MMF, 850-nm wavelength, LC duplex connector
SFP-10G-SR-X=	10GBASE-SR SFP+ transceiver module for MMF, 850-nm wavelength, LC duplex connector, extended temperature range
SFP-10G-LRM=	10GBASE-LRM SFP+ transceiver module for MMF and SMF, 1310-nm wavelength, LC duplex connector
SFP-10G-LR=	10GBASE-LR SFP+ transceiver module for SMF, 1310-nm wavelength, LC duplex connector
SFP-10G-LR-S=	10GBASE-LR SFP+ transceiver module for SMF, 1310-nm wavelength, LC duplex connector
SFP-10G-LR-X=	10GBASE-LR SFP+ transceiver module for SMF, 1310-nm wavelength, LC duplex connector, extended temperature range
SFP-10G-ER=	10GBASE-ER SFP+ transceiver module for SMF, 1550-nm, LC duplex connector
SFP-10G-ER-S=	10GBASE-ER SFP+ transceiver module for SMF, 1550-nm, LC duplex connector
SFP-10G-ZR=	10GBASE-ZR SFP+ transceiver module for SMF, 1550-nm, LC duplex connector
SFP-10G-ZR-S=	10GBASE-ZR SFP+ transceiver module for SMF, 1550-nm, LC duplex connector

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

10-Gigabit Ethernet Transceiver Module Models

SFP+ Transceivers

Model Number	Transceiver Description
SFP-H10GB-CU1M=	1-m 10G SFP+ Twinax cable assembly, passive
SFP-H10GB-CU3M=	3-m 10G SFP+ Twinax cable assembly, passive
SFP-H10GB-CU5M=	5-m 10G SFP+ Twinax cable assembly, passive
SFP-H10GB-ACU7M=	7-m 10G SFP+ Twinax cable assembly, active
SFP-H10GB-ACU10M=	10-m 10G SFP+ Twinax cable assembly, active
FET-10G	Cisco 10G Fabric Extender Transceiver, LC duplex connector

DWDM SFP+ Transceivers

Model Number	Transceiver Description
DWDM-SFP10G-61.41=	10GBASE-DWDM 1561.41 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-60.61=	10GBASE-DWDM 1560.61 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-59.79=	10GBASE-DWDM 1559.79 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-58.98=	10GBASE-DWDM 1558.98 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-58.17=	10GBASE-DWDM 1558.17 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-57.36=	10GBASE-DWDM 1557.36 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-56.55=	10GBASE-DWDM 1556.55 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-55.75=	10GBASE-DWDM 1555.75 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-54.94=	10GBASE-DWDM 1554.94 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-54.13=	10GBASE-DWDM 1554.13 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-53.33=	10GBASE-DWDM 1553.33 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-52.52=	10GBASE-DWDM 1552.52 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-51.72=	10GBASE-DWDM 1551.72 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-50.92=	10GBASE-DWDM 1550.92 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-50.12=	10GBASE-DWDM 1550.12 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-49.32=	10GBASE-DWDM 1549.32 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-48.51=	10GBASE-DWDM 1548.51 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-47.72=	10GBASE-DWDM 1547.72 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-46.92=	10GBASE-DWDM 1546.92 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-46.12=	10GBASE-DWDM 1546.12 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-45.32=	10GBASE-DWDM 1545.32 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-44.53=	10GBASE-DWDM 1544.53 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-43.73=	10GBASE-DWDM 1543.73 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-42.94=	10GBASE-DWDM 1542.94 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-42.14=	10GBASE-DWDM 1542.14 nm SFP+ (100-GHz ITU grid)

DWDM SFP+ Transceivers	
Model Number	Transceiver Description
DWDM-SFP10G-41.35=	10GBASE-DWDM 1541.35 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-40.56=	10GBASE-DWDM 1540.56 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-39.77=	10GBASE-DWDM 1539.77 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-38.98=	10GBASE-DWDM 1538.98 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-38.19=	10GBASE-DWDM 1538.19 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-37.40=	10GBASE-DWDM 1537.40 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-36.61=	10GBASE-DWDM 1536.61 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-35.82=	10GBASE-DWDM 1535.82 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-35.04=	10GBASE-DWDM 1535.04 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-34.25=	10GBASE-DWDM 1534.25 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-33.47=	10GBASE-DWDM 1533.47 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-32.68=	10GBASE-DWDM 1532.68 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-31.90=	10GBASE-DWDM 1531.90 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-31.12=	10GBASE-DWDM 1531.12 nm SFP+ (100-GHz ITU grid)
DWDM-SFP10G-30.33=	10GBASE-DWDM 1530.33 nm SFP+ (100-GHz ITU grid)

CWDM SFP+ Transceivers	
Model Number	Transceiver Description
CWDM-SFP10G-1470=	CWDM 1470 nm SFP+ 10 Gigabit Ethernet Transceiver Module
CWDM-SFP10G-1490=	CWDM 1490 nm SFP+ 10 Gigabit Ethernet Transceiver Module
CWDM-SFP10G-1510=	CWDM 1510 nm SFP+ 10 Gigabit Ethernet Transceiver Module
CWDM-SFP10G-1530=	CWDM 1530 nm SFP+ 10 Gigabit Ethernet Transceiver Module
CWDM-SFP10G-1550=	CWDM 1550 nm SFP+ 10 Gigabit Ethernet Transceiver Module
CWDM-SFP10G-1570=	CWDM 1570 nm SFP+ 10 Gigabit Ethernet Transceiver Module
CWDM-SFP10G-1590=	CWDM 1590 nm SFP+ 10 Gigabit Ethernet Transceiver Module
CWDM-SFP10G-1610=	CWDM 1610 nm SFP+ 10 Gigabit Ethernet Transceiver Module

XENPAK Transceivers	
Model Number	Transceiver Description
XENPAK-10GB-ER=	10GBASE-ER XENPAK transceiver module for SMF, 1550-nm wavelength, SC duplex connector
XENPAK-10GB-ER+=	10GBASE-ER XENPAK transceiver module for SMF, 1550-nm wavelength, SC duplex connector (supports DOM)
XENPAK-10GB-LR=	10GBASE-LR XENPAK transceiver module for SMF, 1310-nm wavelength, SC duplex connector
XENPAK-10GB-LR+=	10GBASE-LR XENPAK transceiver module for SMF, 1310-nm wavelength, SC duplex connector

XENPAK Transceivers	
Model Number	Transceiver Description
	(supports DOM)
XENPAK-10GB-LRM=	10GBASE-LRM XENPAK transceiver module for MMF, 1310-nm wavelength, SC duplex connector
XENPAK-10GB-LW=	10GBASE-LW XENPAK transceiver module for SMF, 1310-nm wavelength, SC duplex connector
XENPAK-10GB-LX4=	10GBASE-LX4 XENPAK transceiver module for MMF, 1310-nm wavelength, SC duplex connector
XENPAK-10GB-SR=	10GBASE-SR XENPAK transceiver module for MMF, 850-nm wavelength, SC duplex connector
XENPAK-10GB-CX4=	10GBASE-CX4 XENPAK transceiver module for CX4 cable, copper, InfiniBand 4X connector
XENPAK-10GB-ZR=	10GBASE-ZR XENPAK transceiver module for SMF, 1550-nm wavelength, SC duplex connector

DWDM XENPAK Transceivers	
Model Number	Transceiver Description
DWDM-XENPAK-60.61=	10GBASE-DWDM 1560.61 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-59.79=	10GBASE-DWDM 1559.79 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-58.98=	10GBASE-DWDM 1558.98 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-58.17=	10GBASE-DWDM 1558.17 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-56.55=	10GBASE-DWDM 1556.55 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-55.75=	10GBASE-DWDM 1555.75 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-54.94=	10GBASE-DWDM 1554.94 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-54.13=	10GBASE-DWDM 1554.13 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-52.52=	10GBASE-DWDM 1552.52 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-51.72=	10GBASE-DWDM 1551.72 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-50.92=	10GBASE-DWDM 1550.92 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-50.12=	10GBASE-DWDM 1550.12 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-48.51=	10GBASE-DWDM 1548.51 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-47.72=	10GBASE-DWDM 1547.72 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-46.92=	10GBASE-DWDM 1546.92 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-46.12=	10GBASE-DWDM 1546.12 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-44.53=	10GBASE-DWDM 1544.53 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-43.73=	10GBASE-DWDM 1543.73 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-42.94=	10GBASE-DWDM 1542.94 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-42.14=	10GBASE-DWDM 1542.14 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-40.56=	10GBASE-DWDM 1540.56 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-39.77=	10GBASE-DWDM 1539.77 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-38.98=	10GBASE-DWDM 1538.98 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-38.19=	10GBASE-DWDM 1538.19 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-36.61=	10GBASE-DWDM 1536.61 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-35.82=	10GBASE-DWDM 1535.82 nm XENPAK (100-GHz ITU grid)

DWDM XENPAK Transceivers	
Model Number	Transceiver Description
DWDM-XENPAK-35.04=	10GBASE-DWDM 1535.04 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-34.25=	10GBASE-DWDM 1534.25 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-32.68=	10GBASE-DWDM 1532.68 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-31.90=	10GBASE-DWDM 1531.90 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-31.12=	10GBASE-DWDM 1531.12 nm XENPAK (100-GHz ITU grid)
DWDM-XENPAK-30.33=	10GBASE-DWDM 1530.33 nm XENPAK (100-GHz ITU grid)

X2 Transceivers	
Model Number	Transceiver Description
X2-10GB-LR=	10GBASE-LR X2 transceiver module for SMF, 1310-nm wavelength, SC duplex connector
X2-10GB-ER=	10GBASE-ER X2 transceiver module for SMF, 1550-nm wavelength, SC duplex connector
X2-10GB-ZR=	10GBASE-ZR X2 transceiver module for SMF, 1550-nm wavelength, SC duplex connector
X2-10GB-SR=	10GBASE-SR X2 transceiver module for MMF, 850-nm wavelength, SC duplex connector
X2-10GB-CX4=	10GBASE-CX4 X2 transceiver module for CX4 cable, copper, InfiniBand 4X connector
X2-10GB-LX4=	10GBASE-LX4 X2 transceiver module for MMF, 1310-nm wavelength, SC duplex connector
X2-10GB-LRM=	10GBASE-LRM X2 transceiver module for MMF, 1310-nm wavelength, SC duplex connector
X2-10GB-T	10GBASE-T X2 transceiver module for CAT6A/CAT7 cable, copper, RJ-45 connector

DWDM X2 Transceivers	
Model Number	Transceiver Description
DWDM-X2-60.61=	10GBASE-DWDM 1560.61 nm X2 (100-GHz ITU grid)
DWDM-X2-59.79=	10GBASE-DWDM 1559.79 nm X2 (100-GHz ITU grid)
DWDM-X2-58.98=	10GBASE-DWDM 1558.98 nm X2 (100-GHz ITU grid)
DWDM-X2-58.17=	10GBASE-DWDM 1558.17 nm X2 (100-GHz ITU grid)
DWDM-X2-56.55=	10GBASE-DWDM 1556.55 nm X2 (100-GHz ITU grid)
DWDM-X2-55.75=	10GBASE-DWDM 1555.75 nm X2 (100-GHz ITU grid)
DWDM-X2-54.94=	10GBASE-DWDM 1554.94 nm X2 (100-GHz ITU grid)
DWDM-X2-54.13=	10GBASE-DWDM 1554.13 nm X2 (100-GHz ITU grid)
DWDM-X2-52.52=	10GBASE-DWDM 1552.52 nm X2 (100-GHz ITU grid)
DWDM-X2-51.72=	10GBASE-DWDM 1551.72 nm X2 (100-GHz ITU grid)
DWDM-X2-50.92=	10GBASE-DWDM 1550.92 nm X2 (100-GHz ITU grid)
DWDM-X2-50.12=	10GBASE-DWDM 1550.12 nm X2 (100-GHz ITU grid)
DWDM-X2-48.51=	10GBASE-DWDM 1548.51 nm X2 (100-GHz ITU grid)
DWDM-X2-47.72=	10GBASE-DWDM 1547.72 nm X2 (100-GHz ITU grid)

DWDM X2 Transceivers	
Model Number	Transceiver Description
DWDM-X2-46.92=	10GBASE-DWDM 1546.92 nm X2 (100-GHz ITU grid)
DWDM-X2-46.12=	10GBASE-DWDM 1546.12 nm X2 (100-GHz ITU grid)
DWDM-X2-44.53=	10GBASE-DWDM 1544.53 nm X2 (100-GHz ITU grid)
DWDM-X2-43.73=	10GBASE-DWDM 1543.73 nm X2 (100-GHz ITU grid)
DWDM-X2-42.94=	10GBASE-DWDM 1542.94 nm X2 (100-GHz ITU grid)
DWDM-X2-42.14=	10GBASE-DWDM 1542.14 nm X2 (100-GHz ITU grid)
DWDM-X2-40.56=	10GBASE-DWDM 1540.56 nm X2 (100-GHz ITU grid)
DWDM-X2-39.77=	10GBASE-DWDM 1539.77 nm X2 (100-GHz ITU grid)
DWDM-X2-38.98=	10GBASE-DWDM 1538.98 nm X2 (100-GHz ITU grid)
DWDM-X2-38.19=	10GBASE-DWDM 1538.19 nm X2 (100-GHz ITU grid)
DWDM-X2-36.61=	10GBASE-DWDM 1536.61 nm X2 (100-GHz ITU grid)
DWDM-X2-35.82=	10GBASE-DWDM 1535.82 nm X2 (100-GHz ITU grid)
DWDM-X2-35.04=	10GBASE-DWDM 1535.04 nm X2 (100-GHz ITU grid)
DWDM-X2-34.25=	10GBASE-DWDM 1534.25 nm X2 (100-GHz ITU grid)
DWDM-X2-32.68=	10GBASE-DWDM 1532.68 nm X2 (100-GHz ITU grid)
DWDM-X2-31.90=	10GBASE-DWDM 1531.90 nm X2 (100-GHz ITU grid)
DWDM-X2-31.12=	10GBASE-DWDM 1531.12 nm X2 (100-GHz ITU grid)
DWDM-X2-30.33=	10GBASE-DWDM 1530.33 nm X2 (100-GHz ITU grid)

XFP Transceivers	
Model Number	Transceiver Description
XFP-10GLR-OC192SR=	Cisco multirate XFP transceiver module for 10GBASE-LR Ethernet and OC-192/STM-64 short-reach (SR-1) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector
XFP10GLR-192SR-L=	Cisco multirate XFP transceiver module for 10GBASE-LR Ethernet and OC-192/STM-64 short-reach (SR-1) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector, low power
XFP-10GER-OC192IR=	Cisco multirate XFP transceiver module for 10GBASE-ER Ethernet and OC-192/STM-64 intermediate-reach (IR-2) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector
XFP-10GER-192IR+=	Cisco multirate XFP transceiver module for 10GBASE-ER Ethernet and OC-192/STM-64 intermediate-reach (IR-2) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector
XFP10GER-192IR-L=	Cisco multirate XFP transceiver module for 10GBASE-ER Ethernet and OC-192/STM-64 intermediate-reach (IR-2) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector
XFP-10GZR-OC192LR=	Cisco multirate XFP transceiver module for 10GBASE-ZR Ethernet and OC-192/STM-64 long-reach Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector
XFP-10G-MM-SR=	Cisco 10GBASE-SR Ethernet XFP transceiver module for MMF, dual LC connector
XFP10GLR192SR-RGD	Cisco multirate XFP transceiver module for 10GBASE-LR Ethernet and OC-192/STM-64 short-reach (SR-1) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector, industrial temperature range

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

10-Gigabit Ethernet Transceiver Module Models

XFP Transceivers	
Model Number	Transceiver Description
XFP10GER192IR-RGD	Cisco multirate XFP transceiver module for 10GBASE-ER Ethernet and OC-192/STM-64 intermediate-reach (IR-2) Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector, industrial temperature range
XFP10GZR192LR-RGD	Cisco multirate XFP transceiver module for 10GBASE-ZR Ethernet and OC-192/STM-64 long-reach Packet-over-SONET/SDH (POS) applications, SMF, dual LC connector, industrial temperature range

DWDM XFP Transceivers	
Model Number	Transceiver Description
DWDM-XFP-60.61=	10GBASE-DWDM 1560.61 nm XFP (100-GHz ITU grid)
DWDM-XFP-59.79=	10GBASE-DWDM 1559.79 nm XFP (100-GHz ITU grid)
DWDM-XFP-58.98=	10GBASE-DWDM 1558.98 nm XFP (100-GHz ITU grid)
DWDM-XFP-58.17=	10GBASE-DWDM 1558.17 nm XFP (100-GHz ITU grid)
DWDM-XFP-56.55=	10GBASE-DWDM 1556.55 nm XFP (100-GHz ITU grid)
DWDM-XFP-55.75=	10GBASE-DWDM 1555.75 nm XFP (100-GHz ITU grid)
DWDM-XFP-54.94=	10GBASE-DWDM 1554.94 nm XFP (100-GHz ITU grid)
DWDM-XFP-54.13=	10GBASE-DWDM 1554.13 nm XFP (100-GHz ITU grid)
DWDM-XFP-52.52=	10GBASE-DWDM 1552.52 nm XFP (100-GHz ITU grid)
DWDM-XFP-51.72=	10GBASE-DWDM 1551.72 nm XFP (100-GHz ITU grid)
DWDM-XFP-50.92=	10GBASE-DWDM 1550.92 nm XFP (100-GHz ITU grid)
DWDM-XFP-50.12=	10GBASE-DWDM 1550.12 nm XFP (100-GHz ITU grid)
DWDM-XFP-48.51=	10GBASE-DWDM 1548.51 nm XFP (100-GHz ITU grid)
DWDM-XFP-47.72=	10GBASE-DWDM 1547.72 nm XFP (100-GHz ITU grid)
DWDM-XFP-46.92=	10GBASE-DWDM 1546.92 nm XFP (100-GHz ITU grid)
DWDM-XFP-46.12=	10GBASE-DWDM 1546.12 nm XFP (100-GHz ITU grid)
DWDM-XFP-44.53=	10GBASE-DWDM 1544.53 nm XFP (100-GHz ITU grid)
DWDM-XFP-43.73=	10GBASE-DWDM 1543.73 nm XFP (100-GHz ITU grid)
DWDM-XFP-42.94=	10GBASE-DWDM 1542.94 nm XFP (100-GHz ITU grid)
DWDM-XFP-42.14=	10GBASE-DWDM 1542.14 nm XFP (100-GHz ITU grid)
DWDM-XFP-40.56=	10GBASE-DWDM 1540.56 nm XFP (100-GHz ITU grid)
DWDM-XFP-39.77=	10GBASE-DWDM 1539.77 nm XFP (100-GHz ITU grid)
DWDM-XFP-38.98=	10GBASE-DWDM 1538.98 nm XFP (100-GHz ITU grid)
DWDM-XFP-38.19=	10GBASE-DWDM 1538.19 nm XFP (100-GHz ITU grid)
DWDM-XFP-36.61=	10GBASE-DWDM 1536.61 nm XFP (100-GHz ITU grid)
DWDM-XFP-35.82=	10GBASE-DWDM 1535.82 nm XFP (100-GHz ITU grid)
DWDM-XFP-35.04=	10GBASE-DWDM 1535.04 nm XFP (100-GHz ITU grid)
DWDM-XFP-34.25=	10GBASE-DWDM 1534.25 nm XFP (100-GHz ITU grid)

DWDM XFP Transceivers	
Model Number	Transceiver Description
DWDM-XFP-32.68=	10GBASE-DWDM 1532.68 nm XFP (100-GHz ITU grid)
DWDM-XFP-31.90=	10GBASE-DWDM 1531.90 nm XFP (100-GHz ITU grid)
DWDM-XFP-31.12=	10GBASE-DWDM 1531.12 nm XFP (100-GHz ITU grid)
DWDM-XFP-30.33=	10GBASE-DWDM 1530.33 nm XFP (100-GHz ITU grid)
DWDM-XFP-C=	10GBASE-DWDM Tuneable XFP (50-GHz ITU grid)

Router Support and Minimum Software Release Requirements

CRS Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
8-10GBE	CRS-XENPAK10GB-LR XENPAK-10GB-LR+	—	XR 3.0
	XENPAK-10GB-ER+	XR 3.3.3	XR 3.3.3
	XENPAK-10GB-ER	—	XR 3.2.2
	DWDM XENPAK	XR 3.0	XR 3.0
4-10GE	XENPAK-10GB-LR+ XENPAK-10GB-ER+ DWDM XENPAK	XR 3.8.1	XR 3.8.1
2-10GE-WL-FLEX	XFP-10G-MM-SR XFP-10GLR-OC192SR XFP-10GER-192IR+ XFP-10GZR-OC192LR DWDM XFP	XR 3.8.1	XR 3.8.1
4-10GBE-WL-XFP 8-10GBE-WL-XFP	XFP10GLR-192SR-L XFP10GER-192IR-L	XR 3.8.4, 3.9.1	XR 3.8.4, 3.9.1
	XFP-10G-MM-SR ¹ XFP-10GZR-OC192LR1 DWDM XFP1	XR 4.0.1	XR 4.0.1
	DWDM-XFP-C	XR 4.2.3	XR 4.2.3
14X10GBE-WL-XFP 20X10GBE-WL-XFP	XFP10GLR-192SR-L XFP10GER-192IR-L	XR 4.0	XR 4.0
	XFP-10G-MM-SR1 XFP-10GZR-OC192LR ² DWDM XFP1	XR 4.0.1	XR 4.0.1

¹Only version -02 or later is supported.

²Only version -03 or later is supported.

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Router Support and Minimum Software Release Requirements

[CRS Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	DWDM-XFP-C	XR 4.2.3	XR 4.2.3
40x10GE-WLO	SFP-10G-SR SFP-10G-SR-X SFP-10G-LRM SFP-10G-LR SFP-10G-LR-X SFP-10G-ER SFP-10G-ZR	XR 5.1.1	XR 5.1.1

Cisco [Shared Port Adapter \(SPA\)](#)

Network Device	Transceiver Model	Minimum Software Release Required
SPA-OC192POS-XFP SPA-1X10GE-WL-V2 SPA-1XTENGE-XFP SPA-1X10GE-L-V2	XFP-10G-MM-SR XFP-10GLR-OC192SR XFP10GLR-192SR-L XFP-10GER-OC192IR XFP-10GER-192IR+ XFP10GER-192IR-L XFP-10GZR-OC192LR DWDM XFP	SPA software support is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release.

[ASR 9000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A9K-4T-B A9K-4T-E A9K-8T/4-E A9K-8T/4-B	XFP-10G-MM-SR XFP-10GLR-OC192SR XFP-10GER-192IR+ XFP-10GZR-OC192LR1 DWDM XFP	XR 3.7.3	XR 3.7.3
	DWDM-XFP-C	XR 4.0.1	XR 4.0.1
	XFP10GLR-192SR-L	XR 4.3.0	XR 4.3.0
A9K-2T20GE-B A9K-2T20GE-E A9K-2T20GE-L A9K-4T-L A9K-8T/4-L A9K-8T-L A9K-8T-E	XFP-10G-MM-SR XFP-10GLR-OC192SR XFP-10GER-192IR+ XFP-10GZR-OC192LR1 DWDM XFP	XR 3.9.0	XR 3.9.0
	DWDM-XFP-C	XR 4.0.1	XR 4.0.1
	XFP10GLR-192SR-L	XR 4.3.0	XR 4.3.0

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Router Support and Minimum Software Release Requirements

[ASR 9000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A9K-8T-B	XFP-10G-MM-SR XFP-10GLR-OC192SR XFP-10GER-192IR+ XFP-10GZR-OC192LR1 DWDM XFP	XR 3.9.1	XR 3.9.1
A9K-SIP-700 with SPA-OC192POS-XFP	XFP-10GLR-OC192SR XFP-10GER-192IR+ XFP-10GZR-OC192LR1 DWDM XFP	XR 4.0.0	XR 4.0.0
	DWDM-XFP-C	XR 4.0.1	XR 4.0.1
	XFP10GLR-192SR-L	XR 4.3.0	XR 4.3.0
A9K-16T/8-B	SFP-10G-SR SFP-10G-LR SFP-10G-ER	XR 3.9.1	XR 3.9.1
A9K-4T16GE-TR A9K-4T16GE-SE	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR SFP-H10GB-ACU7M SFP-H10GB-ACU10M DWDM SFP+	XR 5.3.0	XR 5.3.0
A9K-24X10GE-SE A9K-24X10GE-TR A9K-36X10GE-SE A9K-36X10GE-TR	SFP-10G-SR SFP-10G-SR-X SFP-10G-LR SFP-10G-LR-X SFP-10G-ER	XR 4.2.0	XR 4.2.0
	SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	XR 4.2.1
	SFP-10G-ZR DWDM SFP+	XR 4.2.3	XR 4.2.3
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I CWDM-SFP10G-XXXX	XR 5.2.0	XR 5.2.0
	DWDM-SFP10G-C	XR 5.2.2	XR 5.2.2
A9K-MPA-8X10GE	SFP-10G-SR SFP-10G-SR-X SFP-10G-LR SFP-10G-LR-X SFP-10G-ER	XR 4.2.0	XR 4.2.0

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Router Support and Minimum Software Release Requirements

ASR 9000 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	XR 4.2.1
	SFP-10G-ZR DWDM SFP+	XR 4.2.3	XR 4.2.3
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I CWDM-SFP10G-XXXX	XR 5.2.0	XR 5.2.0
	DWDM-SFP10G-C	XR 5.2.2	XR 5.2.2
A9K-MPA-2X10GE A9K-MPA-4X10GE	XFP-10G-MM-SR XFP-10GLR-OC192SR XFP-10GER-192IR+ XFP-10GZR-OC192LR1 DWDM XFP DWDM-XFP-C	XR 4.2.0	XR 4.2.0
	XFP10GLR-192SR-L XFP10GER-192IR-L	XR 4.3.0	XR 4.3.0
A9K-RSP440-TR A9K-RSP440-SE	SFP-H10GB-ACU7M1 SFP-H10GB-ACU10M1	—	XR 4.2.1
	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR	XR 4.2.1	XR 4.2.1
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I	XR 5.2.0	XR 5.2.0
ASR-9922-RP-TR ASR-9922-RP-SE	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR	XR 4.2.2	XR 4.2.2
ASR-9900-RP-TR ASR-9900-RP-SE	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR	XR 4.3.2	XR 4.3.2
A9K-RSP880-TR A9K-RSP880-SE ASR-9900-RP-TR ASR-9900-RP-SE	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR	XR 5.3.0	XR 5.3.0
ASR-9001	SFP-10G-SR SFP-10G-LR SFP-10G-ER	XR 4.2.1	XR 4.2.1

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

ASR 1000 Series Router

[ASR 9000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-ZR DWDM SFP+	XR 5.1.1	XR 5.1.1
	CWDM-SFP10G-XXXX DWDM-SFP10G-C	XR 5.2.2	XR 5.2.2
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I	XR 5.2.0	XR 5.2.0

[ASR9000v Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ASR-9000V-AC ASR-9000V-DC-A ASR-9000V-DC-E ASR-9000V-24-A	SFP-10G-SR SFP-10G-SR-X SFP-10G-LR SFP-10G-LR-X SFP-10G-ER SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-ZR	XR 5.1.0	XR 5.1.0
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I	XR 5.2.0	XR 5.2.0
A9KV-V2-AC A9KV-V2-DC-A A9KV-V2-DC-E	SFP-10G-SR SFP-10G-SR-X SFP-10G-LR SFP-10G-LR-X SFP-10G-ER SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-ZR	XR 4.3.2	XR 4.3.2
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I	XR 5.2.0	XR 5.2.0

ASR 1000 Series Router

ASR 1000 platform with SPA cards: Software support on the ASR 1000 modular platforms is determined by the platform on which the SPA is installed. Refer to the [SPA release notes](#) for the correct software release.

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ASR 1001X	SFP-10G-SR		XE 3.12.0a
	SFP-10G-SR-X		
	SFP-10G-LR		
	SFP-10G-LRX		
ASR 1001X	SFP-10G-ER		
	SFP-10G-ZR		Not Supported
	DWDM-SFP10G-30.33 DWDM-SFP10G-61.41		
ASR 1001X	SFP-H10GB-ACU7M		XE 16.3S
	SFP-H10GB-ACU10M		
ASR 1001X	SFP-10G-BXD-I		XE 16.3S
	SFP-10G-BXU-I		
	SFP-10G-BX40D-I		
	SFP-10G-BX40U-I		
ASR 1002HX	SFP-10G-SR		XE 16.2S
	SFP-10G-SR-X		
	SFP-10G-LR		
	SFP-10G-LRX		
ASR 1002HX	SFP-10G-ER		
	SFP-10G-ZR		IOS XE Denali 16.3.1
	DWDM-SFP10G-30.33 DWDM-SFP10G-61.41		
ASR 1002HX	SFP-H10GB-ACU7M		XE 16.2S
	SFP-H10GB-ACU10M		
ASR 1002HX	SFP-10G-BXD-I		IOS XE Denali 16.3.1
	SFP-10G-BXU-I		
	SFP-10G-BX40D-I		
	SFP-10G-BX40U-I		
ASR 1001HX	SFP-10G-SR		IOS XE Denali 16.3.1
	SFP-10G-SR-X		
	SFP-10G-LR		
	SFP-10G-LRX		
	SFP-10G-ER		
	SFP-10G-ZR		
	DWDM-SFP10G-30.33		
	DWDM-SFP10G-61.41		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-BXD-I		
	SFP-10G-BXU-I		
	SFP-10G-BX40D-I		
SFP-10G-BX40U-I			

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

ASR 1000 Series Router

[Cisco ASR 901 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A901-6CZ-F-D	SFP-10G-SR	15.2(2)SNH1	15.2(2)SNH1
A901-6-CZ-FT-D	SFP-10G-LRM		
A901-6CZ-F-A	SFP-10G-LR		
A901-6-CZ-FT-A (SFP+ ports)	SFP-10G-ER SFP-10G-ZR SFP-10G-SR-X SFP-10G-LR-X		

[Cisco ASR 903 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A900-IMA1X	XFP10GLR192SR-RGD XFP10GER192IR-RGD XFP10GZR192LR-RGD XFP-10G-MM-SR XFP10GLR-192SR-L XFP10GER-192IR-L XFP-10GZR-OC192LR DWDM-XFP-C	XE 3.5.0S	XE 3.5.0S

[Cisco 4400 Series Router](#)

4451-X, 4431, 4351, 4331, 4321: Refer to the [ISR 4000 Compatibility Matrix](#).

[Cisco SCE 8000](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
SCE8000-2X10GE-E	XFP-10G-MM-SR	SCS 3.1.6	SCS 3.1.6
SCE8000-4X10GE-E	XFP-10GLR-OC192SR XFP-10GER-OC192SR XFP-10GZR-OC192LR DWDM XFP		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

ASR 1000 Series Router

Cisco 7600 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
7600-ES20-10G3C	XFP-10GLR-OC192SR	12.2(33)SRB	12.2(33)SRB
7600-ES20-10G3CXL	XFP-10GER-OC192IR		
	XFP-10GZR-OC192LR	12.2(33)SRB1	12.2(33)SRB1
	DWDM XFP	12.2(33)SRB3	12.2(33)SRB3
	XFP-10GER-192IR+	12.2(33)SRD	12.2(33)SRD
	XFP-10G-MM-SR	12.2(33)SRE1	12.2(33)SRE1
7600-ES+2TG3C	XFP-10GLR-OC192SR	12.2(33)SRD	12.2(33)SRD
7600-ES+2TG3CXL	XFP-10GER-192IR+		
7600-ES+4TG3C	XFP-10GZR-OC192LR		
7600-ES+4TG3CXL	DWDM XFP		
	XFP-10G-MM-SR	12.2(33)SRE1	12.2(33)SRE1
	DWDM-XFP-C	15.0(1)S	15.0(1)S
76-ES+XT-2TG3C	XFP-10GLR-OC192SR	12.2(33)SRD1	12.2(33)SRD1
76-ES+XT-2TG3CXL	XFP-10GER-192IR+		
76-ES+XT-4TG3C	XFP-10GZR-OC192LR		
76-ES+XT-4TG3CXL	DWDM XFP		
	XFP-10G-MM-SR	12.2(33)SRE1	12.2(33)SRE1
	DWDM-XFP-C	15.0(1)S	15.0(1)S
76-ES+T-2TG	XFP-10GLR-OC192SR	12.2(33)SRD3	12.2(33)SRD3
76-ES+T-4TG	XFP-10GER-192IR+		
	XFP-10GZR-OC192LR		
	DWDM XFP		
	XFP-10G-MM-SR	12.2(33)SRE1	12.2(33)SRE1
	DWDM-XFP-C	15.0(1)S	15.0(1)S
76-ES+XC-20G3C	XFP-10GLR-OC192SR	12.2(33)SRE	12.2(33)SRE
76-ES+XC-20G3CXL	XFP-10GER-192IR+		
76-ES+XC-40G3C	XFP-10GZR-OC192LR		
76-ES+XC-40G3CXL	DWDM XFP		
	XFP-10G-MM-SR	12.2(33)SRE1	12.2(33)SRE1
	DWDM-XFP-C	15.0(1)S	15.0(1)S
WS-X6708-10G-3C	X2-10GB-CX4	—	12.2(33)SRC
WS-X6708-10G-3CXL	X2-10GB-LX4		
RSP720-10GE	X2-10GB-LR	12.2(33)SRD2	12.2(33)SRC
	X2-10GB-SR		
	X2-10GB-ER		
	X2-10GB-LRM	12.2(33)SRE	12.2(33)SRE
	X2-10GB-ZR		
	DWDM X2		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

ASR 1000 Series Router

[Cisco 7600 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-SUP32-10GB-3B	XENPAK-10GB-CX4 XENPAK-10GB-LX4 XENPAK-10GB-SR XENPAK-10GB-LR XENPAK-10GB-ER	—	12.2(33)SRA
	XENPAK-10GB-LR+ XENPAK-10GB-ER+ XENPAK-10GB-ZR DWDM XENPAK	12.2(33)SRA	12.2(33)SRA
WS-X6704-10GE	XENPAK-10GB-CX4 XENPAK-10GB-LX4 XENPAK-10GB-SR XENPAK-10GB-LR XENPAK-10GB-ER	—	12.2(33)SRA
	XENPAK-10GB-LW XENPAK-10GB-LR+ XENPAK-10GB-ER+ XENPAK-10GB-ZR DWDM XENPAK	12.2(33)SRA	12.2(33)SRA

[Cisco RF Gateway Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
RFGW-X4516-10GE	X2-10GB-SR X2-10GB-LR	12.2(44)SQ	12.2(44)SQ

[Cisco NCS 6000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NCS-6008	SFP-10G-SR	XR 5.0.0	XR 5.0.0
NC6-60X10GE-L-S	SFP-10G-SR-X		
NC6-60X10GE-M-S	SFP-10G-LR	XR 5.0.1	XR 5.0.1
	SFP-10G-LR-X		
	SFP-10G-ER SFP-10G-ZR		

Industrial Ethernet and Smart Grid Support

[Cisco IE 5000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-5000-12S12P-10G	SFP-10G-SR-X SFP-10G-LR-X SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER SFP-10G-ZR	15.2(2)EB	15.2(2)EB
	SFP-H10GB-CUxM SFP-H10GB-ACUxM	—	15.2(2)EB

Data Center and Blade Switching Minimum Software Release Requirements

[Cisco Catalyst 2350 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
2350-48TD-S 2350-48TD-SD	X2-10GB-CX4 X2-10GB-SR X2-10GB-LRM	—	12.2(46)EY

[Cisco Catalyst 2360 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
2360-48TD-S	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S	—	12.2(53)EY

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Catalyst 3100 Blade Switches

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-CBS3110X-S-I	X2-10GB-CX4 X2-10GB-SR X2-10GB-LX4	—	12.2(40)EX1
	X2-10GB-LRM X2-10GB-LR	—	12.2(46)SE
WS-CBS3120X-S WS-CBS3130X-S	X2-10GB-CX4 X2-10GB-SR X2-10GB-LRM	—	12.2(40)EX3
	X2-10GB-LX4 X2-10GB-LR	—	12.2(46)SE
WS-CBS3110X-S-I WS-CBS3120X-S WS-CBS3130X-S (With CVR-X2-SFP10G converter for X2 ports)	SFP-10G-SR SFP-10G-LR SFP-10G-LRM SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-10G-SR-S SFP-10G-LR-S	—	12.2(55)SE1

Cisco Nexus 2000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N2K-C2148T-1GE	SFP-10G-SR SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S		NX-OS 4.0(1a)N2(1)
	SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M	—	NX-OS 4.0(1a)N2(1)
	SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 4.2(1)N2(1)
	SFP-10G-ER SFP-10G-ER-S	NX-OS 5.1(3)N1(1)	NX-OS 5.1(3)N1(1)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 2000 Series

Network Device	Transceiver Model	Minimum Software Release Required			
		DOM Support	Software Release		
N2K-C2248TP-1GE N2K-C2232PP-10GE	SFP-10G-SR	NX-OS 4.2(1)N1(1)	NX-OS 4.2(1)N1(1)		
	SFP-10G-LR				
	FET-10G ³				
	SFP-10G-SR-S				
	SFP-10G-LR-S				
	SFP-H10GB-CU1M			—	NX-OS 4.2(1)N1(1)
	SFP-H10GB-CU1-5M				
	SFP-H10GB-CU2M				
	SFP-H10GB-CU2-5M				
	SFP-H10GB-CU3M				
SFP-H10GB-CU5M					
SFP-H10GB-ACU7M	—	NX-OS 4.2(1)N2(1)			
SFP-H10GB-ACU10M					
SFP-10G-ER	NX-OS 5.1(3)N1(1)	NX-OS 5.1(3)N1(1)			
SFP-10G-ER-S					
N2K-C2224TP-1GE	SFP-10G-SR	NX-OS 4.2(1)N2(1)	NX-OS 4.2(1)N2(1)		
	SFP-10G-LR				
	FET-10G3				
	SFP-10G-SR-S				
	SFP-10G-LR-S				
	SFP-H10GB-CU1M			—	NX-OS 4.2(1)N2(1)
	SFP-H10GB-CU1-5M				
	SFP-H10GB-CU2M				
	SFP-H10GB-CU2-5M				
	SFP-H10GB-CU3M				
SFP-H10GB-CU5M					
SFP-H10GB-ACU7M					
SFP-H10GB-ACU10M					
SFP-10G-ER	NX-OS 5.1(3)N1(1)	NX-OS 5.1(3)N1(1)			
SFP-10G-ER-S					
N2K-C2232TM-10GE	SFP-10G-SR	NX-OS 5.0(3)N2(1)	NX-OS 5.0(3)N2(1)		
	SFP-10G-LR				
	FET-10G3				
	SFP-10G-SR-S				
	SFP-10G-LR-S				
	SFP-H10GB-CU1M			—	NX-OS 5.0(3)N2(1)
	SFP-H10GB-CU1-5M				
	SFP-H10GB-CU2M				
	SFP-H10GB-CU2-5M				
	SFP-H10GB-CU3M				
SFP-H10GB-CU5M					

³Supported for fabric links only, from a Nexus 2000 Series to a Cisco parent switch.

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 2000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-ACU7M SFP-H10GB-ACU10M		
	SFP-10G-ER SFP-10G-ER-S	NX-OS 5.1(3)N1(1)	NX-OS 5.1(3)N1(1)
N2K-2348UPQ	SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GBACU7M SFP-H10GB-ACU10 SFP-10G-SR SFP-10G-SR-S SFP-10G-LR SFP-10G-LR-S SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	NX-OS 7.0(3)N1(1)
N2K-C2248TP-E-1GE	SFP-10G-SR SFP-10G-LR FET-10G3 SFP-10G-ER SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S	NX-OS 5.1(3)N1(1)	NX-OS 5.1(3)N1(1)
	SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 5.1(3)N1(1)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 3000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3064PQ	SFP-10G-SR	NX-OS 5.0(3)U1(1a)	NX-OS 5.0(3)U1(1a)
	SFP-10G-LR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-H10GB-CU1M	—	NX-OS 5.0(3)U1(1d)
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-10G-ER	NX-OS 5.0(3)U2(2c)	NX-OS 5.0(3)U2(2c)
	SFP-10G-ER-S		
	SFP-10G-AOC1M	—	NX-OS 5.0(3)U5(1)
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
SFP-10G-AOC10M			
N3K-C3064PQ-10GE (Native SFP+ ports)	SFP-10G-SR	NX-OS 5.0(3)U1(2)	NX-OS 5.0(3)U1(2)
	SFP-10G-LR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-H10GB-CU1M	—	NX-OS 5.0(3)U1(2)
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-10G-ER	NX-OS 5.0(3)U2(2c)	NX-OS 5.0(3)U2(2c)
	SFP-10G-ER-S		
	SFP-H10GB-ACU7M	—	NX-OS 5.0(3)U3(2b)
	SFP-H10GB-ACU10M		
	SFP-10G-ZR	NX-OS 5.0(3)U3(2b)	NX-OS 5.0(3)U3(2b)
	SFP-10G-ZR-S		
	DWDM SFP+		
SFP-10G-AOC1M	—	NX-OS 5.0(3)U5(1)	
SFP-10G-AOC2M			
SFP-10G-AOC3M			
SFP-10G-AOC5M			
SFP-10G-AOC7M			
SFP-10G-AOC10M			

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 3000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3016Q-40GE	SFP-10G-SR	—	NX-OS 6.0(2)U2(1)
N3K-C3064PQ-10GE	SFP-10G-LR		
N3K-C3064TQ-10GT	SFP-10G-ER		
(QSFP ports with QSA adapter)	SFP-10G-ZR		
	DWDM SFP+ (40 channels)		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M	—	NX-OS 6.0(2)U3(1)
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
N3K-C3064PQ-10GX	SFP-10G-SR	NX-OS 5.0(3)U3(1)	NX-OS 5.0(3)U3(1)
(Native SFP+ ports)	SFP-10G-LR		
	SFP-10G-ER		
	SFP-H10GB-CU1M	—	NX-OS 5.0(3)U3(1)
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M	—	NX-OS 5.0(3)U3(2b)
	SFP-H10GB-ACU10M		
	SFP-10G-ZR	NX-OS 5.0(3)U4(1)	NX-OS 5.0(3)U4(1)
	DWDM SFP+		
	SFP-10G-AOC1M	—	NX-OS 5.0(3)U5(1)
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
	SFP-10G-SR-S	NX-OS 7.0(3)I2(1a)	NX-OS 7.0(3)I2(1a)
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
N3K-C3064PQ-10GX	SFP-10G-SR	—	NX-OS 6.0(2)U1(a)
(QSFP ports with QSA adapter)	SFP-H10GB-CU1M		
	SFP-H10GB-CU3M		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 3000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-LR	—	NX-OS 6.0(2)U2(1)
	SFP-10G-ER		
	SFP-10G-ZR		
	DWDM SFP+ (40 channels)		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M	—	NX-OS 6.0(2)U3(1)
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
SFP-10G-AOC10M			
	SFP-10G-SR-S	—	NX-OS 7.0(3)I4(1)
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
N3K-C3048TP-1GE	SFP-10G-SR	NX-OS 5.0(3)U2(2b)	NX-OS 5.0(3)U2(2b)
	SFP-10G-LR		
	SFP-H10GB-CU1M	—	NX-OS 5.0(3)U2(2b)
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M	—	NX-OS 5.0(3)U3(2b)
	SFP-H10GB-ACU10M		
	SFP-10G-ZR	NX-OS 5.0(3)U4(1)	NX-OS 5.0(3)U4(1)
	DWDM SFP+		
	SFP-10G-AOC1M	—	NX-OS 5.0(3)U5(1)
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
SFP-10G-SR-S	NX-OS 7.0(3)I2(1a)	NX-OS 7.0(3)I2(1a)	
SFP-10G-LR-S			
SFP-10G-ER-S			
SFP-10G-ZR-S			

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

[Cisco Nexus 3100 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3132Q-40GE (Native SFP+ ports)	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR DWDM SFP+ (40 channels) SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	When supported by transceiver module	NX-OS 6.0(2)U2(1)
	SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S		NX-OS 7.0(3)I2(1a)
N3K-C3132Q-40GE (QSFP ports with QSA adapter)	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR DWDM SFP+ (40 channels) SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	When supported by transceiver module	NX-OS 6.0(2)U2(1)
	SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M		NX-OS 6.0(2)U3(1)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 3100 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S		NX-OS 7.0(3)I4(1)
N3K-C3132Q-40GX (Native SFP+ ports)	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	When supported by transceiver module	NX-OS 6.0(2)U4(1)
	SFP-10G-ZR SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S DWDM SFP+ (40 channels)		NX-OS 7.0(3)I2(1a)
N3K-C3132Q-40GX (QSFP ports with QSA adapter)	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	When supported by transceiver module	NX-OS 6.0(2)U4(1)
	SFP-10G-ZR DWDM SFP+ (40 channels)		NX-OS 7.0(3)I3(1)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 3100 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S		NX-OS 7.0(3)I4(1)
N3K-C3132Q-XL (Native SFP+ ports and QSFP ports with QSA adapter)	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S DWDM SFP+ (40 channels) SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	When supported by transceiver module	NXOS 7.0(3)I2(2)
N3K-C3132Q-V (Native SFP+ ports and QSFP ports with QSA adapter)	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S DWDM SFP+ (40 channels) SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	When supported by transceiver module	NX-OS 7.0(3)I4(1)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 3100 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M		
N3K-C3172PQ-10GE (Native SFP+ ports)	SFP-10G-ER	When supported by transceiver module	NX-OS 6.0(2)U3(1)
	SFP-10G-ZR		
	DWDM SFP+ (40 channels)		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
SFP-10G-AOC7M			
SFP-10G-AOC10M			
	SFP-10G-SR SFP-10G-LR		NX-OS 6.0(2)U4(1)
	SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S		NX-OS 7.0(3)I4(1)
N3K-C3172PQ-10GE (QSFP ports with QSA adapter)	SFP-10G-SR	When supported by transceiver module	NX-OS 6.0(2)U3(1)
	SFP-10G-LR		
	SFP-10G-ER		
	SFP-10G-ZR		
	DWDM SFP+ (40 channels)		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
SFP-10G-AOC3M			
SFP-10G-AOC5M			
SFP-10G-AOC7M			

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 3100 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-AOC10M		
	SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S		NX-OS 7.0(3)I4(1)
N3K-C3172TQ-10GT (QSFP ports with QSA adapter)	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR	When supported by transceiver module	NX-OS 6.0(2)U3(1)
	DWDM SFP+ (40 channels) SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M		NX-OS 6.0(2)U4(1)
	SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S		NX-OS 7.0(3)I4(1)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 3100 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3172PQ-XL (Native SFP+ ports)	SFP-10G-SR	When supported by transceiver module	NXOS 7.0(3)I2(2)
	SFP-10G-LR		
	SFP-10G-ER		
	SFP-10G-ZR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	DWDM SFP+ (40 channels)		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
SFP-10G-AOC7M			
SFP-10G-AOC10M			

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 3100 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3172PQ-XL N3K-C3172TQ-XL (QSFP ports with QSA adapter)	SFP-10G-SR	When supported by transceiver module	NXOS 7.0(3)I2(2)
	SFP-10G-LR		
	SFP-10G-ER		
	SFP-10G-ZR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	DWDM SFP+ (40 channels)		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
N3K-C31108PC-V (Native SFP+ ports)	SFP-10G-SR	When supported by transceiver module	NXOS 7.0(3)I4(1)
	SFP-10G-LR		
	SFP-10G-ER		
	SFP-10G-ZR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	DWDM SFP+ (40 channels)		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 3100 Series

Network Device	Transceiver Model	Minimum Software Release Required		
		DOM Support	Software Release	
N3K-C31108PC-V N3K-C31108TC-V (QSFP ports with QSA adapter)	SFP-10G-SR	When supported by transceiver module	NXOS 7.0(3)I4(1)	
	SFP-10G-LR			
	SFP-10G-ER			
	SFP-10G-ZR			
	SFP-10G-SR-S			
	SFP-10G-LR-S			
	SFP-10G-ER-S			
	SFP-10G-ZR-S			
	DWDM SFP+ (40 channels)			
	SFP-H10GB-CU1M			
	SFP-H10GB-CU1-5M			
	SFP-H10GB-CU2M			
	SFP-H10GB-CU2-5M			
	SFP-H10GB-CU3M			
	SFP-H10GB-CU5M			
	SFP-H10GB-ACU7M			
	SFP-H10GB-ACU10M			
	SFP-10G-AOC1M			
	SFP-10G-AOC2M			
	SFP-10G-AOC3M			
SFP-10G-AOC5M				
SFP-10G-AOC7M				
SFP-10G-AOC10M				
N3K-C31128PQ-10GE (Native SFP+ ports)	SFP-10G-SR	When supported by transceiver module	NX-OS 7.0(3)I2(1a)	
	SFP-10G-LR			
	SFP-10G-ER			
	SFP-10G-ZR			
	SFP-H10GB-CU1M			
	SFP-H10GB-CU1-5M			
	SFP-H10GB-CU2M			
	SFP-H10GB-CU2-5M			
	SFP-H10GB-CU3M			
	SFP-H10GB-CU5M			
	SFP-H10GB-ACU7M			
	SFP-H10GB-ACU10M			
	SFP-10G-AOC1M			
	SFP-10G-AOC2M			
	SFP-10G-AOC3M			
	SFP-10G-AOC5M			
	SFP-10G-AOC7M			
	SFP-10G-AOC10M			
	SFP-10G-SR-S			NX-OS 7.0(3)I4(1)
	SFP-10G-LR-S			
SFP-10G-ER-S				
SFP-10G-ZR-S				
DWDM SFP+ (40 channels)				

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

[Cisco Nexus 3200 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3264Q N3K-C3232C (Native SFP+ Ports)	SFP-10G-SR	When supported by transceiver module	NX-OS 7.0(3)IX1(2)
	SFP-H10GB-CU1M SFP-10G-AOC1M SFP-10G-AOC3M		
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC2M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M SFP-10G-SR-S SFP-10G-LR SFP-10G-LR-S SFP-10G-ER SFP-10G-ER-S SFP-10G-ZR SFP-10G-ZR-S DWDM SFP+ (40 channels)		NX-OS 7.0(3)I4(1)

[Cisco Nexus 3500 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3548P-10G N3K-C3524P-10G	SFP-10G-SR	When supported by transceiver module	NX-OS 5.0(3)A1(1)
	SFP-10G-LR SFP-10G-ER SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M		
	DWDM SFP+ (40 channels)		NX-OS 6.0(2)A1(1)
	SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S		NX-OS 6.0(2)A6(8)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-ZR		NX-OS 6.0(2)A3(1)
N3K-C3548P-10GX N3K-C3524P-10GX	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR DWDM SFP+ (40 channels) SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M	When supported by transceiver module	NX-OS 6.0(2)A6(1)
	SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S		NX-OS 6.0(2)A6(8)

[Cisco Nexus 4000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N4K-4001I-XPX	SFP-10G-SR SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S	NX-OS 4.1(2)E1(1)	NX-OS 4.1(2)E1(1)
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M	—	NX-OS 4.1(2)E1(1)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 5000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N5K-C5020P-BF N5K-M1600 N5K-M1404	SFP-10G-SR	NX-OS 4.0(0)N1(1)	NX-OS 4.0(0)N1(1)
	SFP-10G-SR-S		
	SFP-H10GB-CU1M	—	NX-OS 4.0(0)N1(1)
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
SFP-10G-LR	SFP-10G-LR-S	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
	SFP-10G-LR-S		
SFP-H10GB-ACU7M	SFP-H10GB-ACU10M	—	NX-OS 4.2(1)N2(1)
	SFP-H10GB-ACU10M		
FET-10G3		NX-OS 4.2(1)N1(1)	NX-OS 4.2(1)N1(1)
N5K-C5010P-BF	SFP-10G-SR	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
	SFP-10G-LR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-LR-S		
SFP-H10GB-CU1M	SFP-H10GB-CU3M	—	NX-OS 4.0(1a)N1(1)
	SFP-H10GB-CU5M		
	SFP-H10GB-CU5M		
SFP-H10GB-ACU7M	SFP-H10GB-ACU10M	—	NX-OS 4.2(1)N2(1)
	SFP-H10GB-ACU10M		
FET-10G3		NX-OS 4.2(1)N1(1)	NX-OS 4.2(1)N1(1)
N5K-C5548P-FA N55-M16P N55-M8P8FP	SFP-10G-SR	NX-OS 5.0(2)N1(1)	NX-OS 5.0(2)N1(1)
	SFP-10G-LR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-LR-S		
SFP-H10GB-CU1M	SFP-H10GB-CU3M	—	NX-OS 5.0(2)N1(1)
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
FET-10G4		NX-OS 5.0(2)N1(1)	NX-OS 5.0(2)N1(1)
SFP-10G-ER	SFP-10G-ER-S	NX-OS 5.1(3)N1(1)	NX-OS 5.1(3)N1(1)
	SFP-10G-ER-S		
N5K-C5548P-FA N55-M16UP	SFP-10G-SR	NX-OS 5.0(3)N1(1B)	NX-OS 5.0(3)N1(1B)
	SFP-10G-LR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	FET-10G4		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 5000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 5.0(3)N1(1B)
	SFP-10G-ER SFP-10G-ER-S	NX-OS 5.1(3)N1(1)	NX-OS 5.1(3)N1(1)
N5K-C5548UP-FA N5K-C5596UP-FA N55-M16UP N55-M16P N55-M8P8FP	SFP-10G-SR SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S FET-10G3	NX-OS 5.0(3)N1(1B)	NX-OS 5.0(3)N1(1B)
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 5.0(3)N1(1B)
	SFP-10G-ER SFP-10G-ER-S	NX-OS 5.1(3)N1(1)	NX-OS 5.1(3)N1(1)
N5K- 5672UP	SFP-10G-SR SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S FET-10G4	NX-OS 7.0(1)N1(1)	NX-OS 7.0(1)N1(1)
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 7.0(1)N1(1)
	SFP-10G-ER SFP-10G-ER-S	NX-OS 7.0(1)N1(1)	NX-OS 7.0(1)N1(1)
N5K- 56128UP	SFP-10G-SR SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S FET-10G4	NX-OS 7.0(2)N1(1)	NX-OS 7.0(2)N1(1)
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 7.0(2)N1(1)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 5000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-ER SFP-10G-ER-S	NX-OS 7.0(2)N1(1)	NX-OS 7.0(2)N1(1)

Cisco Unified Computing System

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 5.0(3)N1(1B)
	SFP-10G-ER	NX-OS 5.1(3)N1(1)	NX-OS 5.1(3)N1(1)
	SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	UCS Manager v1.4(2)
N10-S6200 N10-E0440 N10-E0600 N20-I6584	SFP-10G-SR SFP-10G-LR	UCS Manager v1.1(1)	UCS Manager v1.1(1)
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M	—	UCS Manager v1.1(1)
	SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	UCS Manager v1.4(2)
UCSB-5108-AC2 UCS-IOM-2204XP UCS-IOM-2208XP	SFP-10G-SR SFP-10G-LR FET-10G SFP-10G-SR-S SFP-10G-LR-S SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	UCS Manager v2.0(1)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Unified Computing System

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
UCS-FI-6324UP	SFP-10G-SR	UCS Manager v3.0	UCS Manager v3.0
	SFP-10G-LR		
	SFP-10G-SR-X		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
UCS-FI-6248UP	SFP-10G-SR	UCS Manager v2.0(1)	UCS Manager v2.0(1)
UCS-FI-6296UP	SFP-10G-LR		
UCS-FI-E16UP	FET-10G	—	UCS Manager v2.0(1)
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N7K-M132XP-12	SFP-10G-SR	NX-OS 4.0 (1)	NX-OS 4.0 (1)
	SFP-10G-SR-S		
	SFP-10G-LR	NX-OS 4.0 (3)	NX-OS 4.0 (3)
	SFP-10G-LR-S		
	SFP-10G-ER	NX-OS 4.2.6	NX-OS 4.2.6
	SFP-10G-ER-S		
	FET-10G3	NX-OS 5.1	NX-OS 5.1
SFP-H10GB-CU1M	—	—	
SFP-H10GB-CU3M	—	—	
SFP-H10GB-CU5M	—	—	

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 5.1(2)
N7K-M108X2-12L	X2-10GB-SR X2-10GB-LR X2-10GB-LRM X2-10GB-ER DWDM X2	NX-OS 5.0	NX-OS 5.0
	X2-10GB-ZR	NX-OS 5.1	NX-OS 5.1
	X2-10GB-CX4 X2-10GB-LX4	—	NX-OS 5.1
N7K-M108X2-12L (With CVR-X2-SFP10G converter for X2 ports)	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M	—	NX-OS 5.2
	SFP-10G-SR SFP-10G-SR-S	NX-OS 5.2	NX-OS 5.2
N7K-M108X2-12L (With OneX converter)	SFP-10G-LR SFP-10G-LR-S SFP-10G-LRM	NX-OS 5.2(3a)	NX-OS 5.2(3a)
N7K-M132XP-12L	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-LRM	NX-OS 5.1	NX-OS 5.1
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 5.1
	FET-10G3	NX-OS 5.1	NX-OS 5.1
	SFP-10G-ZR SFP-10G-ZR-S DWDM SFP+	NX-OS 6.1(1)	NX-OS 6.1(1)
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-10G-AOC1M	NX-OS 6.2(2)	NX-OS 6.2(2)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M		
	SFP-10G-BXD-I SFP-10G-BXU-I		NX-OS 7.2(0)D1(1)
N7K-F132XP-15	SFP-10G-SR SFP-10G-SR-S SFP-10G-LRM SFP-10G-LR SFP-10G-LR-S	NX-OS 5.1	NX-OS 5.1
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 5.1
	SFP-10G-ER SFP-10G-ER-S	NX-OS 5.2	NX-OS 5.2
	SFP-10G-ZR SFP-10G-ZR-S DWDM SFP+	NX-OS 6.1(1)	NX-OS 6.1(1)
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	NX-OS 6.2(2)	NX-OS 6.2(2)
N7K-F248XP-25	SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER FET-10G3 SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S	NX-OS 6.0	NX-OS 6.0

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required			
		DOM Support	Software Release		
	SFP-H10GB-CU1M	—	NX-OS 6.0		
	SFP-H10GB-CU3M				
	SFP-H10GB-CU5M				
	SFP-H10GB-ACU7M				
	SFP-H10GB-ACU10M				
	SFP-10G-ZR	NX-OS 6.1(1)	NX-OS 6.1(1)		
	SFP-10G-ZR-S				
	DWDM SFP+				
	SFP-H10GB-CU1-5M	NX-OS 6.2(2)	NX-OS 6.2(2)		
	SFP-H10GB-CU2M				
	SFP-H10GB-CU2-5M				
	SFP-10G-AOC1M				
	SFP-10G-AOC2M				
	SFP-10G-AOC3M				
	SFP-10G-AOC5M				
SFP-10G-AOC7M					
SFP-10G-AOC10M					
SFP-10G-BXD-I		NX-OS 7.2(0)D1(1)			
SFP-10G-BXU-I					
N7K-F248XP-25E	SFP-10G-SR	NX-OS 6.1(2)	NX-OS 6.1(2)		
	SFP-10G-LRM				
	SFP-10G-LR Error! Bookmark not defined.				
	SFP-10G-ER				
	SFP-10G-SR-S				
	SFP-10G-LR-S				
	SFP-10G-ER-S				
	FET-10G3				
	SFP-H10GB-CU1M			—	NX-OS 6.1(2)
	SFP-H10GB-CU3M				
	SFP-H10GB-CU5M				
	SFP-H10GB-ACU7M				
	SFP-H10GB-ACU10M				
	SFP-10G-ZR	NX-OS 6.1(2)	NX-OS 6.1(2)		
	SFP-10G-ZR-S				
DWDM SFP+					

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required				
		DOM Support	Software Release			
	SFP-H10GB-CU1-5M	NX-OS 6.2(2)	NX-OS 6.2(2)			
	SFP-H10GB-CU2M					
	SFP-H10GB-CU2-5M					
	SFP-10G-AOC1M					
	SFP-10G-AOC2M					
	SFP-10G-AOC3M					
	SFP-10G-AOC5M					
	SFP-10G-AOC7M					
	SFP-10G-AOC10M					
				SFP-10G-BXD-I		NX-OS 7.2(0)D1(1)
	SFP-10G-BXU-I					
N77-F248XP-23E	SFP-10G-SR	NX-OS 6.2(2)	NX-OS 6.2(2)			
	SFP-10G-LRM					
	SFP-10G-LR					
	SFP-10G-ER					
	SFP-10G-ZR					
	SFP-10G-SR-S					
	SFP-10G-LR-S					
	SFP-10G-ER-S					
	SFP-10G-ZR-S					
	DWDM SFP+					
	FET-10G3					
	SFP-H10GB-CU1M					
	SFP-H10GB-CU1-5M					
	SFP-H10GB-CU2M					
	SFP-H10GB-CU2-5M					
	SFP-H10GB-CU3M					
	SFP-H10GB-CU5M					
	SFP-H10GB-ACU7M					
	SFP-H10GB-ACU10M					
	SFP-10G-AOC1M					
	SFP-10G-AOC2M					
	SFP-10G-AOC3M					
	SFP-10G-AOC5M					
	SFP-10G-AOC7M					
	SFP-10G-AOC10M					
				SFP-10G-BXD-I		NX-OS 7.2(0)D1(1)
				SFP-10G-BXU-I		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required			
		DOM Support	Software Release		
N7K-M224XP-23L	SFP-10G-SR	NX-OS 6.1(1)	NX-OS 6.1(1)		
	SFP-10G-LRM				
	SFP-10G-LR Error! Bookmark not defined.				
	SFP-10G-ER				
	SFP-10G-SR-S				
	SFP-10G-LR-S				
N7K-M224XP-23L	SFP-10G-ER-S	—	NX-OS 6.1(1)		
	FET-10G3				
	SFP-H10GB-CU1M				
	SFP-H10GB-CU3M				
	SFP-H10GB-CU5M				
N7K-M224XP-23L	SFP-H10GB-ACU7M	—	NX-OS 6.1(1)		
	SFP-H10GB-ACU10M				
N7K-M224XP-23L	SFP-10G-ZR	NX-OS 6.1(1)	NX-OS 6.1(1)		
	SFP-10G-ZR-S				
	DWDM SFP+				
	SFP-H10GB-CU1-5M			NX-OS 6.2(2)	NX-OS 6.2(2)
	SFP-H10GB-CU2M				
	SFP-H10GB-CU2-5M				
SFP-10G-AOC1M					
SFP-10G-AOC2M					
SFP-10G-AOC3M					
N7K-M224XP-23L	SFP-10G-AOC5M	NX-OS 6.2(2)	NX-OS 6.2(2)		
	SFP-10G-AOC7M				
	SFP-10G-AOC10M				
	SFP-10G-BXD-I			NX-OS 7.2(0)D1(1)	
SFP-10G-BXU-I					
N77-F348XP-25	FET-10G	NX-OS 6.2(12)	NX-OS 6.2(12)		
	SFP-10G-SR				
	SFP-10G-LR				
	SFP-10G-ER				
	SFP-10G-ZR				
	SFP-10G-SR-S				
	SFP-10G-LR-S				
	SFP-10G-ER-S				
	SFP-10G-ZR-S				
	DWDM SFP+				
	SFP-H10GB-CU1M				
	SFP-H10GB-CU1-5M				
	SFP-H10GB-CU2M				
	SFP-H10GB-CU2-5M				
	SFP-H10GB-CU3M				
	SFP-H10GB-CU5M				
SFP-H10GB-ACU7M					
SFP-H10GB-ACU10M					

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-LRM ⁴ SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M		
	SFP-10G-BXD-I SFP-10G-BXU-I		NX-OS 7.2(0)D1(1)
N77-F348XP-23	FET-10G SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-ZR SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S DWDM SFP+	NX-OS 6.2(6)	NX-OS 6.2(6)
	SFP-10G-LRM ⁵	NX-OS 6.2(8)	NX-OS 6.2(8)
	SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 6.2(8)
	SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	NX-OS 6.2(10)
	SFP-10G-BXD-I SFP-10G-BXU-I	—	NX-OS 7.2(0)D1(1)

⁴MMF support on ports 41 to 48 only, SMF support on all ports.

⁵MMF support on ports 41 to 48 only, SMF support on all ports.

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 9000 Series (Modular 9500) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required			
		DOM Support	Software Release		
N9K-X9564PX (downlinks) (NX-OS Mode)	SFP-10G-SR	NX-OS 6.1(2)I1(1)	NX-OS 6.1(2)I1(1)		
	SFP-10G-LR				
	SFP-10G-SR-S				
	SFP-10G-LR-S				
	SFP-H10GB-CU1M			—	NX-OS 6.1(2)I2(1)
	SFP-H10GB-CU2M				
	SFP-H10GB-CU3M				
	SFP-H10GB-CU5M				
	SFP-H10GB-ACU7M				
	SFP-H10GB-ACU10M				
SFP-H10GB-CU1-5M		NX-OS 6.1(2)I3(2)			
SFP-H10GB-CU2-5M					
SFP-10G-LRM*					
(supported in SMF upto 300m)					
SFP-10G-AOC1M	—	NX-OS 6.1(2)I2(2a)			
SFP-10G-AOC2M					
SFP-10G-AOC3M					
SFP-10G-AOC5M					
SFP-10G-AOC7M					
SFP-10G-AOC10M					
SFP-10G-ER	NX-OS 6.1(2)I2(2)	NX-OS 6.1(2)I2(2)			
SFP-10G-ER-S					
SFP-10G-BXD-I	—	NX-OS 7.0(3)I3.1			
SFP-10G-BXU-I					
CWDM SFP+					
SFP10G-USR	—	NX-OS 7.0(3)I1(2)			
SFP-10G-ZR					
DWDM SFP+					
FET-10G					
N9K-X9464PX (NX-OS Mode)	SFP-H10GB-CU1M	—	NX-OS 6.1(2)I2(2a)		
	SFP-H10GB-CU2M				
	SFP-H10GB-CU3M				
	SFP-H10GB-CU5M				
	SFP-H10GB-ACU7M				
	SFP-H10GB-ACU10M				
	SFP-10G-AOC1M				
	SFP-10G-AOC2M				
	SFP-10G-AOC3M				
	SFP-10G-AOC5M				
	SFP-10G-AOC7M				
	SFP-10G-AOC10M				

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

[Cisco Nexus 9000 Series](#) (Modular 9500) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1-5M SFP-H10GB-CU2-5M SFP-10G-LRM* (supported in SMF upto 300m)		NX-OS 6.1(2)I3(2)
	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S	NX-OS 6.1(2)I2(2a)	NX-OS 6.1(2)I2(2a)
	SFP10G-USR	—	NX-OS 6.1(2)I3(1)
	SFP-10G-BXD-I SFP-10G-BXU-I CWDM SFP+	—	NX-OS 7.0(3)I3.1
	SFP-10G-ZR DWDM SFP+ FET-10G	—	NX-OS 7.0(3)I1(2)

[Cisco Nexus 9000 Series](#) (Fixed 9300) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-C9396PX (NX-OS Mode)	SFP-10G-SR SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S	NX-OS 6.1(2)I2(1)	NX-OS 6.1(2)I2(1)
	SFP-H10GB-CU1M SFP-H10GB-CU2M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M	—	NX-OS 6.1(2)I2(1)
	FET-10G	—	NX-OS 6.1(2)I2(3)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

[Cisco Nexus 9000 Series](#) (Fixed 9300) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M QSFP-4X10G-AOC1M QSFP-4X10G-AOC3M QSFP-4X10G-AOC5M QSFP-4X10G-AOC7M QSFP-4X10G-AOC10M	—	NX-OS 6.1(2)I2(2a)
	SFP-10G-ER SFP-10G-ER-S	NX-OS 6.1(2)I2(2)	NX-OS 6.1(2)I2(2)
	SFP-10G-LRM* (supported in SMF upto 300m) SFP-H10GB-CU1-5M SFP-H10GB-CU2-5M	—	NX-OS 6.1(2)I3(2)
	SFP-10G-BXD-I SFP-10G-BXU-I CWDM SFP+	—	NX-OS 7.0(3)I3.1
	SFP10G-USR SFP-10G-ZR DWDM SFP+ QSFP-4SFP10G-CU1M QSFP-4SFP10G-CU3M QSFP-4SFP10G-CU5M QSFP-4X10G-AC7M QSFP-4X10G-AC10M	—	NX-OS 7.0(3)I1(2)
N9K-C9372PX (downlinks) (NX-OS Mode)	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S	NX-OS 6.1(2)I3(1)	NX-OS 6.1(2)I3(2)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 9000 Series (Fixed 9300) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1M SFP-H10GB-CU2M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M FET-10G SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M QSFP-4X10G-AOC1M QSFP-4X10G-AOC3M QSFP-4X10G-AOC5M QSFP-4X10G-AOC7M QSFP-4X10G-AOC10M	—	NX-OS 6.1(2)I3(1)
	SFP-H10GB-CU1-5M SFP-H10GB-CU2-5M SFP-10G-LRM* (supported in SMF up to 300m)	—	NX-OS 6.1(2)I3(2)
	SFP-10G-BXD-I SFP-10G-BXU-I CWDM SFP+	—	NX-OS 7.0(3)I3.1
	SFP10G-USR SFP-10G-ZR DWDM SFP+ QSFP-4SFP10G-CU1M QSFP-4SFP10G-CU3M QSFP-4SFP10G-CU5M QSFP-4X10G-AC7M QSFP-4X10G-AC10M	—	NX-OS 7.0(3)I1(2)
N9K-C9372PX-E (downlinks) (NX-OS Mode)	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR	NX-OS 7.0(3)I2(1)	NX-OS 7.0(3)I2(1)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 9000 Series (Fixed 9300) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1M SFP-H10GB-CU2M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M FET-10G SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M QSFP-4X10G-AOC1M QSFP-4X10G-AOC3M QSFP-4X10G-AOC5M QSFP-4X10G-AOC7M QSFP-4X10G-AOC10M SFP-H10GB-CU1-5M SFP-H10GB-CU2-5M SFP-10G-LRM* *(supported in SMF up to 300m) SFP10G-USR DWDM SFP+ QSFP-4SFP10G-CU1M QSFP-4SFP10G-CU3M QSFP-4SFP10G-CU5M QSFP-4X10G-AC7M QSFP-4X10G-AC10M	—	NX-OS 7.0(3)I2(1)
	SFP-10G-BXD-I SFP-10G-BXU-I CWDM SFP+	—	NX-OS 7.0(3)I3.1
N9K-C93180YC-EX (downlinks) (NX-OS Mode)	SFP-10G-SR SFP-10G-LR SFP-10G-ER SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR	NX-OS 703I4.2	NX-OS 703I4.2

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

[Cisco Nexus 9000 Series](#) (Fixed 9300) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1M	-	NX-OS 703I4.2
	SFP-H10GB-CU2M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
	QSFP-4X10G-AOC1M		
	QSFP-4X10G-AOC3M		
	QSFP-4X10G-AOC5M		
	QSFP-4X10G-AOC7M		
	QSFP-4X10G-AOC10M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2-5M		
	SFP10G-USR		
	DWDM SFP+		
	QSFP-4SFP10G-CU1M		
	QSFP-4SFP10G-CU3M		
	QSFP-4SFP10G-CU5M		
	QSFP-4X10G-AC7M		
	QSFP-4X10G-AC10M		

[Cisco Nexus 9000 Series](#) (Fixed 9200) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-C92160YC-X (NX-OS Mode)	SFP-10G-SR	NX-OS 7.0(3)I3.1	NX-OS 7.0(3)I3.1
	SFP-10G-LR		
	SFP-10G-ER		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

[Cisco Nexus 9000 Series](#) (Fixed 9200) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1M	-	NX-OS 7.0(3)I3.1
	SFP-H10GB-CU2M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
	QSFP-4X10G-AOC1M (Supported on port 50, 52)		
	QSFP-4X10G-AOC3M (Supported on port 50, 52)		
	QSFP-4X10G-AOC5M (Supported on port 50, 52)		
	QSFP-4X10G-AOC7M (Supported on port 50, 52)		
	QSFP-4X10G-AOC10M (Supported on port 50, 52)		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2-5M		
	SFP-10G-LRM (Supported in SMF up to 300m)		
	SFP10G-USR		
	DWDM SFP+		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

Cisco Nexus 9000 Series (Fixed 9300) ACI Mode

Network Device	Transceiver Model	Minimum Software Release Required		
		DOM Support	Software Release	
N9K-C9396PX (ACI Mode)	SFP-10G-SR	—	ACI-N9KDK9-11.0	
	SFP-10G-LR			
	SFP-10G-SR-S			
	SFP-10G-LR-S			
	FET-10G			
	SFP-10G-AOC1M			
	SFP-10G-AOC2M			
	SFP-10G-AOC3M			
	SFP-10G-AOC5M			
	SFP-10G-AOC7M			
	SFP-10G-AOC10M			
	SFP-10G-ER			ACI-N9KDK9-11.0(2j)
	SFP-10G-ER-S			
	SFP-H10GB-CU1M			
	SFP-H10GB-CU2M			
	SFP-H10GB-CU3M			
	SFP-H10GB-CU5M			
	SFP-H10GB-ACU7M			
	SFP-H10GB-ACU10M			
	SFP-10G-ZR	ACI-N9KDK9-11.0(3f)		
	DWDM SFP+			
	QSFP-4SFP10G-CU1M			
	QSFP-4SFP10G-CU3M			
	QSFP-4SFP10G-CU5M			
	N9K-C9372PX (downlinks) (ACI Mode)	SFP-10G-SR	—	ACI-N9KDK9-11.0(3f)
		SFP-10G-LR		
		SFP-10G-SR-S		
		SFP-10G-LR-S		
		FET-10G		
		SFP-10G-AOC1M		
		SFP-10G-AOC2M		
		SFP-10G-AOC3M		
		SFP-10G-AOC5M		
SFP-10G-AOC7M				
SFP-10G-AOC10M				
SFP-10G-ER				
SFP-10G-ER-S				
SFP-H10GB-CU1M				
SFP-H10GB-CU2M				
SFP-H10GB-CU3M				
SFP-H10GB-CU5M				
SFP-H10GB-ACU7M				
SFP-H10GB-ACU10M				
SFP-10G-ZR				
DWDM SFP+				
QSFP-4SFP10G-CU1M				
QSFP-4SFP10G-CU3M				

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Minimum Software Release Requirements

[Cisco Nexus 9000 Series](#) (Fixed 9300) ACI Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	QSFP-4SFP10G-CU5M		
N9K-C9372PX-E (downlinks) (ACI Mode)	SFP-10G-SR SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S FET-10G SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M SFP-10G-ER SFP-10G-ER-S SFP-H10GB-CU1M SFP-H10GB-CU2M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-ZR DWDM SFP+ QSFP-4SFP10G-CU1M QSFP-4SFP10G-CU3M QSFP-4SFP10G-CU5M		ACI-N9KDK9-11.1(2h)

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

[Cisco Nexus 9000 Series](#) (Fixed 9300) ACI Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-C93180YC-EX (downlinks) (ACI Mode)	SFP-10G-SR	-	ACI-N9KDK9-11.3
	SFP-10G-LR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	FET-10G		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
	SFP-10G-ER		
	SFP-10G-ER-S		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-ZR		
DWDM SFP+			
QSFP-4SFP10G-CU1M			
QSFP-4SFP10G-CU3M			
QSFP-4SFP10G-CU5M			

Cisco MDS 9000 Series

Refer to the [Cisco MDS 9000 Family Pluggable Transceivers Data Sheet](#).

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

[Catalyst 2960-S Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960S-48FPD-L	SFP-H10GB-CU1M	—	12.2(53)SE1
WS-C2960S-48LPD-L	SFP-H10GB-CU3M		
WS-C2960S-24PD-L	SFP-H10GB-CU5M		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

Catalyst 2960-S Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960S-48TD-L WS-C2960S-24TD-L	SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S	12.2(53)SE1	12.2(53)SE1
	SFP-10G-ZR SFP-10G-ZR-S DWDM SFP+	15.2(1)E	15.2(1)E
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	15.2(2)E

Catalyst 2960-X Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960X-24TD-L WS-C2960X-24PD-L WS-C2960X-48TD-L WS-C2960X-48LPD-L WS-C2960X-48FPD-L	SFP-10G-LR SFP-10G-SR SFP-10G-LRM SFP-10G-ER SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M	15.0(2)EX	15.0(2)EX
	SFP-10G-ZR SFP-10G-ZR-S DWDM SFP+	15.2(2)E3	15.2(2)E3

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

Catalyst 2960-X Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1-5M	—	15.2(2)E
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		

Catalyst 2960-XR Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960XR-24TD-I	SFP-10G-LR	15.0(2)EX1	15.0(2)EX1
WS-C2960XR-48TD-I	SFP-10G-SR		
WS-C2960XR-24PD-I	SFP-10G-LRM		
WS-C2960XR-48LPD-I	SFP-10G-ER		
WS-C2960XR-48FPD-I	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-10G-ZR	15.2(2)E3	15.2(2)E3
	SFP-10G-ZR-S		
	DWDM SFP+		
	SFP-H10GB-CU1-5M	—	15.2(2)E
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

Catalyst 3560-E Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560E-24TD	X2-10GB-LR	12.2(46)SE	12.2(35)SE2
WS-C3560E-24PD	X2-10GB-ER		
WS-C3560E-48TD	X2-10GB-LX4		
WS-C3560E-48PD	X2-10GB-SR		
WS-C3560E-48PDF	X2-10GB-CX4		
	X2-10GB-LRM	12.2(46)SE	12.2(40)SE
	X2-10GB-ZR	12.2(50)SE	12.2(50)SE
	DWDM X2	12.2(52)SE	12.2(52)SE
WS-C3560E-12D	X2-10GB-LR	12.2(46)SE	12.2(40)EX
WS-C3560E-12SD	X2-10GB-ER		
	X2-10GB-LX4		
	X2-10GB-SR		
	X2-10GB-CX4		
	X2-10GB-LRM		
	X2-10GB-ZR	12.2(50)SE	12.2(50)SE
	DWDM X2	12.2(52)SE	12.2(52)SE
WS-C3560E-24TD	SFP-10G-SR	12.2(55)SE1	12.2(55)SE1
WS-C3560E-24PD	SFP-10G-LR		
WS-C3560E-48TD	SFP-10G-LRM		
WS-C3560E-48PD	SFP-10G-SR-S		
WS-C3560E-48PDF	SFP-10G-LR-S		
WS-C3560E-12D	SFP-H10GB-CU1M	—	12.2(55)SE1
WS-C3560E-12SD	SFP-H10GB-CU3M7		
(With CVR-X2-SFP10G converter for X2 ports)	SFP-H10GB-CU5M7		

Catalyst 3560-X Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560X-24T	SFP-H10GB-CU1M	—	12.2(53)SE
WS-C3560X-48T	SFP-H10GB-CU3M7		
WS-C3560X-24P	SFP-H10GB-CU5M7		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

Catalyst 3560-X Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560X-48P WS-C3560X-48PF (With C3KX-NM-10G and C3KX-SM-10G uplink modules)	SFP-10G-SR	12.2(53)SE	12.2(53)SE
	SFP-10G-LRM		
	SFP-10G-LR		
	SFP-10G-SR-S SFP-10G-LR-S		
	SFP-10G-ER SFP-10G-ER-S	15.0(2)SE	15.0(2)SE
	SFP-10G-ZR SFP-10G-ZR-S DWDM SFP+	15.2(1)E	15.2(1)E
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	15.2(2)E

Catalyst 3560-CX Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560CX-12PD-S WS-C3560CX-8XPD-S	SFP-10G-LR SFP-10G-SR SFP-10G-LRM SFP-10G-ER SFP-10G-ZR DWDM SFP+ SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M	15.2(3)E	15.2(3)E

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

Catalyst 3560-CX Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M		

Catalyst 3650 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3650-24TD	SFP-H10GB-CU1M	—	XE 3.3.0SE
WS-C3650-48TD	SFP-H10GB-CU3M		
WS-C3650-24PD	SFP-H10GB-CU5M		
WS-C3650-48PD			
WS-C3650-48FD	SFP-10G-SR	XE 3.3.0SE	XE 3.3.0SE
WS-C3650-48FQ	SFP-10G-LRM		
WS-C3650-48PQ	SFP-10G-LR		
WS-C3650-48TQ	SFP-10G-ER		
WS-C3650-24PDM ³	SFP-10G-SR-S		
WS-C3650-48FQM ³	SFP-10G-LR-S		
WS-C3650-8X24UQ ³	SFP-10G-ER-S		
WS-C3650-12X48UQ ³	SFP-10G-ZR	XE 3.3.3SE	XE 3.3.3SE
WS-C3650-12X48UR ³	SFP-10G-ZR-S		
WS-C3650-12X48UZ ³	DWDM SFP+		
	CWDM SFP+	XE 3.7.0E	XE 3.7.0E
	SFP-H10GB-CU1-5M	—	XE 3.6.0E
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
	SFP-10G-BXD-I	XE 3.7.1E	XE 3.7.1E
	SFP-10G-BXU-I		
	SFP-10G-BX40D-I		
	SFP-10G-BX40U-I		

³-These models are supported on Cisco IOS Release XE 16.2.1 and above only.

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

Catalyst 3750 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3750G-16TD	XENPAK-10GB-ER C3-XENPAK10GB-LR	—	12.2(18)SE

Catalyst 3750-E Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3750E-24TD	X2-10GB-LR	12.2(46)SE	12.2(35)SE2
WS-C3750E-24PD	X2-10GB-ER		
WS-C3750E-48TD	X2-10GB-LX4		
WS-C3750E-48PD	X2-10GB-SR		
WS-C3750E-48PDF	X2-10GB-CX4		
	X2-10GB-LRM	12.2(46)SE	12.2(40)SE
	X2-10GB-ZR	12.2(50)SE	12.2(50)SE
	DWDM X2	12.2(52)SE	12.2(52)SE
WS-C3750E-24TD	SFP-10G-SR	12.2(55)SE1	12.2(55)SE1
WS-C3750E-24PD	SFP-10G-LR		
WS-C3750E-48TD	SFP-10G-LRM		
WS-C3750E-48PD	SFP-10G-SR-S		
WS-C3750E-48PDF	SFP-10G-LR-S		
(With CVR-X2-SFP10G converter for X2 ports)	SFP-H10GB-CU1M	—	12.2(55)SE1
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
WS-C3750X-24T	SFP-H10GB-CU1M	—	12.2(53)SE
WS-C3750X-48T	SFP-H10GB-CU3M		
WS-C3750X-24P	SFP-H10GB-CU5M		
WS-C3750X-48P			
WS-C3750X-48PF	SFP-10G-SR	12.2(53)SE	12.2(53)SE
(With C3KX-NM-10G and C3KX-SM-10G uplink modules)	SFP-10G-LRM		
	SFP-10G-LR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER	15.0(2)SE	15.0(2)SE
	SFP-10G-ER-S		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

Catalyst 3750-E Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-ZR SFP-10G-ZR-S DWDM SFP+	15.2(1)E	15.2(1)E
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	15.2(2)E
WS-C3750X-12S WS-C3750X-24S (With C3KX-NM-10G and C3KX-SM-10G uplink modules)	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M	—	12.2(55)SE5
	SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S	12.2(55)SE5	12.2(55)SE5
	SFP-10G-ER SFP-10G-ER-S	15.0(2)SE	15.0(2)SE
	SFP-10G-ZR SFP-10G-ZR-S DWDM SFP+	15.2(1)E	15.2(1)E
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	15.2(2)E

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

Catalyst 3850 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3850-24T	SFP-H10GB-CU1M	—	XE 3.2.0SE
WS-C3850-24P	SFP-H10GB-CU3M		
WS-C3850-48T	SFP-H10GB-CU5M		
WS-C3850-48P			
WS-C3850-48F (With C3850-NM-2-10G or C3850-NM-4-10G uplink modules)	SFP-10G-SR	XE 3.2.0SE	XE 3.2.0SE
	SFP-10G-LRM		
	SFP-10G-LR		
	SFP-10G-ER		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR	XE 3.3.3SE	XE 3.3.3SE
	SFP-10G-ZR-S		
	DWDM SFP+		
	CWDM SFP+	XE 3.7.0	XE 3.7.0
	SFP-H10GB-CU1-5M	—	XE 3.6.0E
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
	SFP-10G-BXD-I	XE 3.7.1E	XE 3.7.1E
	SFP-10G-BXU-I		
	SFP-10G-BX40D-I		
	SFP-10G-BX40U-I		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

Catalyst 3850 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3850-12XS	SFP-10G-SR	XE 3.7.1E	XE 3.7.1E
WS-C3850-16XS	SFP-10G-LRM		
WS-C3850-24XS	SFP-10G-LR		
WS-C3850-32XS	SFP-10G-ER		
(C3850-NM-8-10G uplink modules)	SFP-10G-ZR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	DWDM SFP+		
	CWDM SFP+		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
	SFP-10G-BXD-I		
	SFP-10G-BXU-I		
	SFP-10G-BX40D-I		
	SFP-10G-BX40U-I		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 2XXX and 3XXX Switch Support and Minimum Software Release Requirements

Catalyst 3850 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3850-48XS-S	SFP-10G-SR	XE 3.7.2	XE 3.7.2
WS-C3850-48XS-E	SFP-10G-LRM		
WS-C3850-48XS-F-S	SFP-10G-LR		
WS-C3850-48XS-F-E	SFP-10G-ER		
WS-C3850-48XS	SFP-10G-ZR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	DWDM SFP+		
	CWDM SFP+		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
	SFP-10G-BXD-I		
	SFP-10G-BXU-I		
	SFP-10G-BX40D-I		
	SFP-10G-BX40U-I		
WS-C3850-12S	SFP-H10GB-CU1M	—	XE 3.3.3SE
WS-C3850-24S	SFP-H10GB-CU3M		
(With C3850-NM-2-10G or C3850-NM-4-10G or C3850-NM-8-10G uplink modules)	SFP-H10GB-CU5M		
	SFP-10G-SR	XE 3.3.3SE	XE 3.3.3SE
	SFP-10G-LRM		
	SFP-10G-LR		
	SFP-10G-ER		
	SFP-10G-ZR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	DWDM SFP+		
	CWDM SFP+	XE 3.7.0	XE 3.7.0

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

[Catalyst 3850 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	XE 3.6.0E
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I	XE 3.7.1E	XE 3.7.1E

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

[Catalyst 4500 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-X4516-10GE	X2-10GB-CX4 X2-10GB-LX4	—	12.2(25)EW
	X2-10GB-LR X2-10GB-SR X2-10GB-ER	12.2(54)SG	12.2(25)EW
	X2-10GB-LRM	12.2(54)SG	12.2(31)SGA
	X2-10GB-ZR	12.2(54)SG	12.2(50)SG
	DWDM X2	12.2(50)SG	12.2(50)SG
WS-X4516-10GE (With CVR-X2-SFP10G converter for X2 ports)	SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S	12.2(54)SG	12.2(54)SG

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

Catalyst 4500 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M	—	12.2(54)SG
WS-X4013+10GE	X2-10GB-CX4 X2-10GB-LX4	—	12.2(25)SG
	X2-10GB-LR X2-10GB-SR X2-10GB-ER	12.(54)SG	12.2(25)SG
	X2-10GB-LRM	12.2(54)SG	12.2(31)SGA
	X2-10GB-ZR	12.2(54)SG	12.2(50)SG
	DWDM X2	12.2(50)SG	12.2(50)SG
WS-X4013+10GE (With CVR-X2-SFP10G converter for X2 ports)	SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S	12.2(54)SG	12.2(54)SG
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M	—	12.2(54)SG
WS-X45-SUP6L-E	X2-10GB-CX4 X2-10GB-LX4	—	12.2(52)XO
	X2-10GB-LR X2-10GB-SR X2-10GB-ER X2-10GB-LRM X2-10GB-ZR	12.2(54)SG	12.2(52)XO
	X2-10GB-T	15.1(2)SG	15.1(2)SG
	DWDM X2	12.2(52)XO	12.2(52)XO
WS-X45-SUP6-E WS-X4606-X2-E	X2-10GB-CX4 X2-10GB-LX4	—	12.2(40)SG
	X2-10GB-LR X2-10GB-SR X2-10GB-ER X2-10GB-LRM	12.2(54)SG	12.2(40)SG
	X2-10GB-ZR	12.2(54)SG	12.2(50)SG

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

Catalyst 4500 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	X2-10GB-T	15.1(2)SG	15.1(2)SG
	DWDM X2	12.2(50)SG	12.2(50)SG
WS-X45-SUP6-E WS-X4606-X2-E (With CVR-X2-SFP10G converter for X2 ports)	SFP-10G-SR SFP-10G-SR-S	12.2(54)SG	12.2(50)SG
	SFP-10G-LRM SFP-10G-LR SFP-10G-LR-S	12.2(54)SG	12.2(54)SG
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M	—	12.2(53)SG1
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	15.2(2)E
	SFP-10G-SR SFP-10G-SR-S	12.2(54)SG	12.2(52)XO
	SFP-10G-LRM SFP-10G-LR SFP-10G-LR-S	12.2(54)SG	12.2(54)SG
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M	—	12.2(53)SG1
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	15.2(2)E

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

Catalyst 4500 Series

Network Device	Transceiver Model	Minimum Software Release Required			
		DOM Support	Software Release		
WS-X4712-SFP+E WS-X45-SUP7-E	SFP-10G-SR	3.1.0SG	3.1.0SG		
	SFP-10G-LRM				
	SFP-10G-LR				
	SFP-10G-SR-S				
	SFP-10G-LR-S				
	SFP-H10GB-CU1M	—	3.1.0SG		
	SFP-H10GB-CU3M				
	SFP-H10GB-CU5M				
	SFP-10G-ER	3.2.0SG	3.2.0SG		
	SFP-10G-ZR				
SFP-10G-ER-S					
SFP-10G-ZR-S					
DWDM SFP+	3.5.0E	3.5.0E			
SFP-10G-BXD-I	3.8.0E	3.8.0E			
SFP-10G-BXU-I					
SFP-10G-BX40D-I					
SFP-10G-BX40U-I					
SFP-H10GB-CU1-5M	—	3.6.0E			
SFP-H10GB-CU2M					
SFP-H10GB-CU2-5M					
SFP-H10GB-ACU7M					
SFP-H10GB-ACU10M					
SFP-10G-AOC1M					
SFP-10G-AOC2M					
SFP-10G-AOC3M					
SFP-10G-AOC5M					
SFP-10G-AOC7M					
SFP-10G-AOC10M					
WS-X45-SUP7L-E			SFP-10G-SR	3.2.0XO	3.2.0XO
			SFP-10G-LRM		
	SFP-10G-LR				
	SFP-10G-ER				
	SFP-10G-ZR				
	SFP-10G-SR-S				
	SFP-10G-LR-S				
	SFP-10G-ER-S				
	SFP-10G-ZR-S				
	SFP-H10GB-CU1M	—	3.2.0XO		
SFP-H10GB-CU3M					
SFP-H10GB-CU5M					
DWDM SFP+	3.5.0E	3.5.0E			

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

Catalyst 4500 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I	3.8.0E	3.8.0E
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	3.6.0E
WS-X45-SUP8-E	SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER SFP-10G-ZR SFP-10G-SR-S SFP-10G-LR-S SFP-10G-ER-S SFP-10G-ZR-S	3.3.0XO	3.3.0XO
	SFP-H10GB-CU1M SFP-H10GB-CU3M SFP-H10GB-CU5M	—	3.3.0XO
	DWDM SFP+	3.6.0E	3.6.0E
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I	3.8.0E	3.8.0E

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

Catalyst 4500 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1-5M	—	3.6.0E
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
WS-X45-SUP8L-E	SFP-10G-SR	3.8.1E	3.8.1E
	SFP-10G-LRM		
	SFP-10G-LR		
	SFP-10G-ER		
	SFP-10G-ZR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
	GLC-BX40-D-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

Catalyst 4500-X Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C4500X-32SFP+	SFP-10G-SR	3.3.0SG	3.3.0SG
WS-C4500X-F-32SFP+	SFP-10G-LRM		
WS-C4500X-40X-ES	SFP-10G-LR		
C4KX-NM-8SFP+	SFP-10G-ER		
	SFP-10G-ZR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	DWDM SFP+	3.5.0E	3.5.0E
	SFP-H10GB-CU1M ¹	—	3.3.0SG
	SFP-H10GB-CU3M ¹		
	SFP-H10GB-CU5M ¹		
	SFP-10G-BXD-I	3.8.0E	3.8.0E
	SFP-10G-BXU-I		
	SFP-10G-BX40D-I		
	SFP-10G-BX40U-I		
	SFP-H10GB-CU1-5M	—	3.6.0E
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
WS-C4500X-16SFP+	SFP-10G-SR	3.3.1SG	3.3.1SG
WS-C4500X-F-16SFP+	SFP-10G-LRM		
WS-C4500X-24X-ES	SFP-10G-LR		
	SFP-10G-ER		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	SFP-10G-ZR Error! Bookmark not defined.		
	DWDM SFP+	3.5.0E	3.5.0E
	SFP-10G-BXD-I	3.8.0E	3.8.0E
	SFP-10G-BXU-I		
	SFP-10G-BX40D-I		
	SFP-10G-BX40U-I		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

Catalyst 4500-X Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹	—	3.3.1SG
	SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M	—	3.6.0E

Catalyst 4900 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C4948-10GE WS-C4928-10GE	X2-10GB-CX4 X2-10GB-LX4	—	12.2(25)EW
	X2-10GB-LR X2-10GB-SR X2-10GB-ER	12.2(54)SG	12.2(25)EW
	X2-10GB-LRM	12.2(54)SG	12.2(31)SGA
	X2-10GB-ZR	12.2(54)SG	12.2(50)SG
	DWDM X2	12.2(50)SG	12.2(50)SG
WS-C4948-10GE WS-C4928-10GE (With CVR-X2-SFP10G converter for X2 ports)	SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹	—	12.2(54)SG
	SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S	12.2(54)SG	12.2(54)SG

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

Catalyst 4900 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C4948E	SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹	—	12.2(54)SG
	SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S	12.2(54)SG	12.2(54)SG
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I	3.8.0E	3.8.0E
	SFP-10G-ER SFP-10G-ZR SFP-10G-ER-S SFP-10G-ZR-S	15.0(2)SG	15.0(2)SG
	DWDM SFP+	—	15.2(1)E
WS-C4900M WS-X4904-10GE WS-X4908-10GE	X2-10GB-CX4 X2-10GB-LX4	—	12.2(40)XO or 12.2(44)SG
	X2-10GB-LR X2-10GB-SR X2-10GB-ER X2-10GB-LRM	12.2(54)SG	12.2(40)XO or 12.2(44)SG
	X2-10GB-ZR	12.2(54)SG	12.2(50)SG
	X2-10GB-T	15.1(2)SG	15.1(2)SG
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I	3.8.0E	3.8.0E
	DWDM X2	12.2(50)SG	12.2(50)SG
WS-C4900M WS-X4904-10GE WS-X4908-10GE (With CVR-X2-SFP10G converter for X2 ports)	SFP-10G-SR SFP-10G-SR-S	12.2(54)SG	12.2(50)SG
	SFP-10G-LRM SFP-10G-LR SFP-10G-LR-S	12.2(54)SG	12.2(54)SG

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4XXX Switch Support and Minimum Software Release Requirements

Catalyst 4900 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹	—	12.2(53)SG1

Cisco ME 4600 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME4600-UMX-4x10GE	XFP-10G-MM-SR XFP10GLR-192SR-L XFP10GLR192SR-GD XFP10GER-192IR-L XFP10GER192IR-RGD XFP-10GZR-OC192LR XFP10GZR192LR-RGD	3.3.1	3.3.1

Cisco ME 4900 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-4924-10GE	X2-10GB-CX4 X2-10GB-LX4	—	12.2(31)SGA
	X2-10GB-LR X2-10GB-SR X2-10GB-ER X2-10GB-LRM	12.2(54)SG	12.2(31)SGA
	X2-10GB-ZR	12.2(54)SG	12.2(50)SG
	DWDM X2	12.2(50)SG	12.2(50)SG
	ME-4924-10GE (With CVR-X2-SFP10G converter for X2 ports)	SFP-H10GB-CU1M ¹ SFP-H10GB-CU3M ¹ SFP-H10GB-CU5M ¹	—

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6XXX Switch Support and Minimum Software Release Requirements

[Cisco ME 4900 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-SR-S SFP-10G-LR-S	12.2(54)SG	12.2(54)SG

Catalyst 6XXX Switch Support and Minimum Software Release Requirements

[Catalyst 6500 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required		
		Catalyst OS	Cisco IOS	DOM Support
WS-X6704-10GE WS-SUP32-10GE-3B	XENPAK-10GB-LR	8.1(2)	12.2(17a)SX	—
	XENPAK-10GB-LR+	8.1(2)	12.2(17a)SX	12.2(18)SXE
	XENPAK-10GB-LW	8.4(4)	12.2(18)SXE	12.2(18)SXE
	XENPAK-10GB-ER	8.2(1)	12.2(17a)SX	—
	XENPAK-10GB-ER+	8.2(1)	12.2(17a)SX	12.2(18)SXE
	XENPAK-10GB-LX4	8.2(1)	12.2(17a)SX1	—
	XENPAK-10GB-SR	8.3(1)	12.2(17a)SX1	—
	XENPAK-10GB-CX4	8.3(1)	12.2(17a)SXB1	—
	XENPAK-10GB-ZR	8.5(1)	12.2(18)SXF	12.2(18)SXF
	XENPAK-10GB-LRM	8.6	12.2(18)SXF11	12.2(18)SXF11
	DWDM XENPAK	8.5(1)	12.2(18)SXF	12.2(18)SXF

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6XXX Switch Support and Minimum Software Release Requirements

Catalyst 6500 Series

Network Device	Transceiver Model	Minimum Software Release Required		
		Catalyst OS	Cisco IOS	DOM Support
WS-SUP32-10GE-PISA	XENPAK-10GB-LR	—	12.2(18)ZY	12.2(18)ZY
	XENPAK-10GB-LR+			
	XENPAK-10GB-LW			
	XENPAK-10GB-ER			
	XENPAK-10GB-ER+			
	XENPAK-10GB-LX4			
	XENPAK-10GB-SR			
	XENPAK-10GB-CX4			
	XENPAK-10GB-ZR			
	XENPAK-10GB-LRM			
	DWDM XENPAK			
VS-S720-10G-3C VS-S720-10G-3CXL WS-X6716-10G-3C WS-X6716-10G-3CXL	X2-10GB-LR	—	12.2(33)SXH2	12.2(33)SXH2
	X2-10GB-SR			
	X2-10GB-CX4			
	X2-10GB-ER			
	X2-10GB-LX4			
	X2-10GB-LRM			
	X2-10GB-ZR	—	12.2(33)SXI	12.2(33)SXI
	DWDM X2			
	X2-10GB-T	—	12.2(33)SJI1	—
WS-X6708-10G-3C WS-X6708-10G-3CXL	X2-10GB-LR	—	12.2(18)SXF5	12.2(18)SXF5
	X2-10GB-SR			
	X2-10GB-CX4			
	X2-10GB-ER			
	X2-10GB-LX4			
	X2-10GB-LRM	—	12.2(18)SXF8	12.2(18)SXF8
	X2-10GB-ZR	—	12.2(33)SXI	12.2(33)SXI
	DWDM X2			
	X2-10GB-T	—	12.2(33)SJI1	—
VS-S720-10G-3C VS-S720-10G-3CXL WS-X6708-10G-3C WS-X6708-10G-3CXL WS-X6716-10G-3C WS-X6716-10G-3CXL (With CVR-X2-SFP10G converter for X2 ports)	SFP-H10GB-CU1M	—	—	12.2(33)SXI2
	SFP-H10GB-CU3M			
	SFP-H10GB-CU5M			
	SFP-10G-SR	—	12.2(33)SXI2	12.2(33)SXI2
	SFP-10G-SR-S			
	SFP-10G-LRM	—	12.2(33)SXI4	12.2(33)SXI4
	SFP-10G-LR	—	12.2(33)SXJ1	12.2(33)SXJ1
	SFP-10G-LR-S			
	X2-10GB-CX4	—	—	12.2(50)SY

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6XXX Switch Support and Minimum Software Release Requirements

Catalyst 6500 Series

Network Device	Transceiver Model	Minimum Software Release Required		
		Catalyst OS	Cisco IOS	DOM Support
	X2-10GB-SR X2-10GB-LRM X2-10GB-LX4 X2-10GB-LR X2-10GB-ER X2-10GB-ZR DWDM X2	—	12.2(50)SY	12.2(50)SY
C6800-32P10G(-XL) C6800-16P10G(-XL) C6800-8P10G(-XL)	SFP-10G-LR SFP-10G-SR SFP-10G-LRM SFP-10G-ER SFP-10G-ZR SFP-10G-LR-S SFP-10G-SR-S SFP-10G-ER-S SFP-10G-ZR-S DWDM SFP+ SFP-H10GB-CU1M SFP-H10GB-CU1-5M SFP-H10GB-CU2M SFP-H10GB-CU2-5M SFP-H10GB-CU3M SFP-H10GB-CU5M SFP-H10GB-ACU7M SFP-H10GB-ACU10M SFP-10G-AOC1M SFP-10G-AOC2M SFP-10G-AOC3M SFP-10G-AOC5M SFP-10G-AOC7M SFP-10G-AOC10M CVR-4SFP10G-QSFP	—	15.2(1)SY	15.2(1)SY

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6XXX Switch Support and Minimum Software Release Requirements

Catalyst 6500 Series

Network Device	Transceiver Model	Minimum Software Release Required		
		Catalyst OS	Cisco IOS	DOM Support
C6800-SUP6T	SFP-10G-LR	—	15.3(1)SY	15.3(1)SY
C6800-SUP6T-XL	SFP-10G-SR			
	SFP-10G-LRM			
	SFP-10G-ER			
	SFP-10G-ZR			
	SFP-10G-LR-S			
	SFP-10G-SR-S			
	SFP-10G-ER-S			
	SFP-10G-ZR-S			
	SFP-10G-BX40D-I			
	SFP-10G-BX40U-I			
	CWDM-SFP10G-1590			
	DWDM-SFP10G			
	SFP-H10GB-CU1M			
	SFP-H10GB-CU1-5M			
	SFP-H10GB-CU2M			
	SFP-H10GB-CU2-5M			
	SFP-H10GB-CU3M			
	SFP-H10GB-CU5M			
	SFP-H10GB-ACU7M			
	SFP-H10GB-ACU10M			
	SFP-10G-AOC1M			
	SFP-10G-AOC2M			
	SFP-10G-AOC3M			
	SFP-10G-AOC5M			
	SFP-10G-AOC7M			
	SFP-10G-AOC10M			
	CVR-4SFP10G-QSFP			
VS-S2T-10G	SFP-H10GB-CU1M	—	—	15.3(1)SY
VS-S2T-10G-XL	SFP-H10GB-CU3M			
WS-X6816-10G-2T	SFP-H10GB-CU5M			
WS-X6816-10G-2TXL				
WS-X6908-10G-2T	SFP-10G-SR	—	12.2(50)SY	12.2(50)SY
WS-X6908-10G-2TXL	SFP-10G-LRM			
(With CVR-X2-SFP10G converter for X2 ports)	SFP-10G-LR			
	SFP-10G-SR-S			
	SFP-10G-LR-S			
WS-X6904-40G-2T	SFP-H10GB-CU1M	—	—	15.0(1)SY1
WS-X6904-40G-2TXL	SFP-H10GB-CU3M			
With CVR-CFP-4SFP10G FourX converter	SFP-H10GB-CU5M			

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6XXX Switch Support and Minimum Software Release Requirements

[Catalyst 6500 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required		
		Catalyst OS	Cisco IOS	DOM Support
for CFP ports	SFP-10G-SR	—	15.0(1)SY1	15.0(1)SY1
	SFP-10G-LRM			
	SFP-10G-LR			
	SFP-10G-ER			
	SFP-10G-SR-S			
	SFP-10G-LR-S			
	SFP-10G-ER-S			
	SFP-10G-ZR	—	15.0(2)SY3	15.0(2)SY3
	SFP-10G-ZR-S			
	DWDM SFP+	—	15.1(2)SY	15.1(2)SY

[Catalyst 6800 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-ZR	15.2(1)SY	15.2(1)SY
	SFP-10G-ZR-S		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
C6800IA-48FPDR	SFP-10G-ER	15.1(2)SY3	15.1(2)SY3
	SFP-10G-LR		
	SFP-10G-SR		
	SFP-10G-LRM		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-H10GB-CU1M1		
	SFP-H10GB-CU3M1		
	SFP-H10GB-CU5M1		
	SFP-H10GB-CU7M1		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6XXX Switch Support and Minimum Software Release Requirements

Catalyst 6800 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-10G-ZR	15.2(1)SY	15.2(1)SY
	SFP-10G-ZR-S		
	SFP-H10GB-CU2M	Error! Bookmark not defined.	
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
C6880-X	SFP-10G-LR	15.1(2)SY1	15.1(2)SY1
	SFP-10G-SR		
	SFP-10G-LRM		
	SFP-10G-ER		
	SFP-10G-ZR		
	SFP-10G-SR-S		
	SFP-10G-LR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	DWDM SFP+		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6XXX Switch Support and Minimum Software Release Requirements

Catalyst 6800 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
C6800-32P10G(-XL)	SFP-10G-LR	15.2(1)SY	15.2(1)SY
C6800-16P10G(-XL)	SFP-10G-SR		
C6800-8P10G(-XL)	SFP-10G-LRM		
	SFP-10G-ER		
	SFP-10G-ZR		
	SFP-10G-LR-S		
	SFP-10G-SR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	DWDM SFP+		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6XXX Switch Support and Minimum Software Release Requirements

Catalyst 6800 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
C6800-SUP6T	SFP-10G-LR	15.3(1)SY	15.3(1)SY
C6800-SUP6T-XL	SFP-10G-SR		
	SFP-10G-LRM		
	SFP-10G-ER		
	SFP-10G-ZR		
	SFP-10G-LR-S		
	SFP-10G-SR-S		
	SFP-10G-ER-S		
	SFP-10G-ZR-S		
	SFP-10G-BX40D-I		
	SFP-10G-BX40U-I		
	CWDM-SFP10G-1590		
	DWDM-SFP10G		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU1-5M		
	SFP-H10GB-CU2M		
	SFP-H10GB-CU2-5M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		
	SFP-10G-AOC1M		
	SFP-10G-AOC2M		
	SFP-10G-AOC3M		
	SFP-10G-AOC5M		
	SFP-10G-AOC7M		
	SFP-10G-AOC10M		
C6816-X-LE	SFP-10G-LR	15.2(2)SY	15.2(2)SY
C6824-X-LE-40G	SFP-10G-SR		
C6832-X-LE	SFP-10G-LRM		
C6840-X-LE-40G	SFP-10G-ER		
	SFP-10G-ZR		
	SFP-10G-DWDM		
	SFP-10G-ZR		
	SFP-H10GB-CU1M		
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-H10GB-ACU7M		
	SFP-H10GB-ACU10M		

Metro Ethernet Support and Minimum Software Requirements

Cisco ME 3600X

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-3600X-24TS-M ME-3600X-24FS-M (SFP+ ports)	SFP-H10GB-CU1M	—	12.2(52)EY
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-10G-SR SFP-10G-LRM SFP-10G-LR SFP-10G-ER	12.2(52)EY	12.2(52)EY
	SFP-10G-ZR	15.1(2)EY1	15.1(2)EY1
	SFP-10G-BXD-I SFP-10G-BXU-I SFP-10G-BX40D-I SFP-10G-BX40U-I	15.4(03)S	15.4(03)S
	DWDM SFP+	15.2(4)S	15.2(4)S
ME-3600X-24CX-M	XFP-10G-MM-SR	15.2(2)S	15.2(2)S
	XFP10GLR192SR-RGD		
	XFP10GLR-192SR-L		
	XFP10GER192IR-RGD		
	XFP10GER-192IR-L		
	XFP10GZR192LR-RGD		
	XFP-10GZR-OC192LR		
	DWDM-XFP-C		
	XFP-10GER-OC192IR XFP-10GER-192IR+	15.3(3)S	15.3(3)S

Cisco 10-Gigabit Ethernet Transceiver Modules Compatibility Matrix

Wireless LAN Controller Support and Minimum Software Release Requirements

[Cisco ME 3800X](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-3800X-24FS-M (SFP+ ports)	SFP-H10GB-CU1M	—	12.2(52)EY
	SFP-H10GB-CU3M		
	SFP-H10GB-CU5M		
	SFP-10G-SR	12.2(52)EY	12.2(52)EY
	SFP-10G-LRM		
	SFP-10G-LR		
	SFP-10G-ER		
	SFP-10G-ZR	15.1(2)EY1	15.1(2)EY1
	DWDM SFP+	15.2(4)S	15.2(4)S

Wireless LAN Controller Support and Minimum Software Release Requirements

[Cisco 5700 WLC Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
AIR-CT5760-25-K9	SFP-10G-SR	XE 3.2.0SE	XE 3.2.0SE
AIR-CT5760-50-K9	SFP-10G-LRM		
AIR-CT5760-100-K9	SFP-10G-LR		
AIR-CT5760-250-K9	SFP-10G-ER		
AIR-CT5760-500-K9			
AIR-CT5760-1K-K9	SFP-10G-ZR	XE 3.3.3SE	XE 3.3.3SE
AIR-CT5760-HA-K9	DWDM SFP+		

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see [What's New in Cisco Product Documentation](#).

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the [What's New in Cisco Product Documentation RSS feed](#). The RSS feeds are a free service.

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