



Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Revised: September 19, 2016

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 contains information on the Cisco platforms and minimum software releases that support the Gigabit Interface Converter (GBIC) and Gigabit Ethernet Small Form-Factor Pluggable (SFP) transceiver modules.

Contents

Gigabit Ethernet Transceiver Models	5
• GBIC Transceivers	5
• CWDM GBIC Transceivers (Dual SC/PC connectors)	6
• DWDM GBIC Transceivers (Dual SC/PC connectors)	6
• SFP Transceivers	8
• CWDM SFP Transceivers (dual LC/PC connector)	9
• DWDM SFP Transceivers (dual LC/PC connector)	9
• DWDM SFP Transceivers (8 additional wavelengths) (dual LC/PC connector)	11
Catalyst Express 500 Support	11
• Catalyst Express 500	11
• Catalyst Express 520	12
Metro Ethernet Support	12
• Cisco ME 2400	12
• Cisco ME2600X	12
• Cisco ME 3400	13
• Catalyst 3750 Metro	15
• Cisco ME 3600X	16
• Cisco ME 3800X	18

• Cisco ME 4600 Series	18
• Cisco ME 4900 Series	19
• Cisco ME 6500 Series	20
Catalyst 2900 Switches Support.....	20
• Catalyst 2900 series	20
• Catalyst 2940 series	22
• Catalyst 2950 series	22
• Catalyst 2960 series	23
• Catalyst 2960 Plus Series	24
• Catalyst 2960 S Series.....	25
• Catalyst 2960 SF Series.....	26
• Catalyst 2960 C Series	27
• Catalyst 2960 X Series	27
• Catalyst 2960 XR Series	28
• Catalyst 2960 CX Series	29
• Catalyst 2970 series	29
• Catalyst 2975 series	30
Catalyst 3500 Switches Support.....	30
• Catalyst 3500XL series.....	30
• Catalyst 3550 series	30
• Catalyst 3560 series	32
• Catalyst 3560 E Series	35
• Catalyst 3560 X Series	37
• Catalyst 3560 CX Series	38
• Catalyst 3560 C Series	38
Catalyst 3600 Series Switches Support	39
Catalyst 3700 Series Switches Support	40
• Catalyst 3750 series	40
• Catalyst 3750-E series	42

• Catalyst 3750-X series	43
Catalyst 3800 Series Switches Support	46
• Catalyst 3850 series	46
• Catalyst 3850 series	47
Industrial Ethernet and Smart Grid Support	48
• Cisco IE1000 series.....	48
• Cisco IE2000 series.....	48
• Cisco IE2000U series	49
• Cisco IE3000 series.....	50
• Cisco IE3010 series.....	51
• Cisco IE4000 series.....	52
• Cisco IE4010 series.....	53
• Cisco IE5000 series.....	53
• Cisco 2500 Connected Grid Switch Series	55
• Cisco 2000 Connected Grid Router Series	55
Catalyst 4500 Switches Support.....	57
• Catalyst 4500 series	57
Catalyst 4500X Series Support.....	65
Catalyst 4900 Switches Support.....	66
Catalyst 6500 Series Switches Support	68
Catalyst 6800 Series Switches Support	72
Data Center and Blade Switching Support	73
• Cisco Catalyst 2350 Series	73
• Cisco Catalyst 2360 Series	74
• Cisco Catalyst 3000 and 3100 Blade Switches	74
• Cisco Nexus 2000 Series	75
• Cisco Nexus 3000 Series	75
• Cisco Nexus 3100 Series	77
• Cisco Nexus 3200 Series	80

• Cisco Nexus 3500 Series.....	80
• Cisco Nexus 4000 Series.....	81
• Cisco Nexus 5000 Series.....	81
• Cisco Unified Computing System.....	82
• Cisco Nexus 7000 Series.....	82
• Cisco Nexus 9000 Series (Modular 9500) NX-OS Mode.....	85
• Cisco Nexus 9000 Series (Fixed 9300) NX-OS Mode.....	86
• Cisco Nexus 9000 Series (Fixed 9200) NX-OS Mode.....	88
• Cisco Nexus 9000 Series (Fixed 9300) ACI Mode.....	88
• Cisco CSS 11500 Series.....	89
Cisco MDS 9000 series: Please refer to the data sheet.	90
Router Support.....	90
• Cisco 892F series.....	90
• Cisco 1921 Series Router.....	90
• Cisco 1941 Series Router.....	91
• Cisco 2600 Series Router.....	91
• Cisco 2800 Series Router.....	92
• Cisco 2900 Series Router.....	92
• Cisco 3200 Series Rugged Routers Cisco 3600 Series Router.....	93
• Cisco 3700 Series Router.....	94
• Cisco 3800 Series Router.....	94
• Cisco 3900 Series Router.....	95
Cisco 4400 Series Router.....	96
• Cisco 6400 Universal Access Router.....	96
• Cisco 7200 Series Router.....	96
• Cisco uBR7200 series.....	97
• Cisco 7300 Series Router.....	98
• Cisco 7500 Series Router.....	98
• Cisco 7600 Series Router.....	99
• Cisco 10000 Series Router.....	103

• Cisco uBR10000 Series Router	103
• Cisco RF Gateway Series.....	103
• Cisco 10700 Series Internet Router	103
• Cisco 12000 Series Router	104
• Shared Port Adapters (SPAs).....	104
• CRS Router Series.....	105
• ASR 901 Series Router.....	105
• Cisco ASR 903 Series	106
• ASR 1000 Series Router	106
• ASR 9000 Series Router	107
• ASR 9000 Series Router (EOBC-supported optics).....	109
• ASR9000v Series Router	110
• Cisco MWR 2941 Mobile Wireless Routers	111
Appliance Support	111
• ASA5500 Series appliances	111
• NAM 2200 Series appliances.....	112
Wireless LAN Controllers Support	112
• Cisco 5700 WLC Series.....	112
Obtaining Documentation and Submitting a Service Request	113

Gigabit Ethernet Transceiver Models

GBIC Transceivers	
Model Number	Description
WS-G5482=	1000BASE-T GBIC transceiver module for Category 5 copper wire, RJ-45 connector
WS-G5483=	1000BASE-T GBIC transceiver module for Category 5 copper wire, RJ-45 connector
WS-G5484=	1000BASE-SX GBIC transceiver module for Multi mode Fiber (MMF), 850-nanometer (nm) wavelength, dual SC/PC connector
WS-G5486=	1000BASE-LX/LH GBIC transceiver module for MMF and SMF, 1300-nm wavelength, dual SC/PC connector

GBIC Transceivers

Model Number	Description
WS-G5487=	1000BASE-ZX GBIC transceiver module for Single Mode Fiber (SMF), 1550-nm wavelength, dual SC/PC connector

CWDM GBIC Transceivers (Dual SC/PC connectors)

Model Number	Description
CWDM-GBIC-1470=	Cisco 1000BASE-CWDM GBIC 1470 nm
CWDM-GBIC-1490=	Cisco 1000BASE-CWDM GBIC 1490 nm
CWDM-GBIC-1510=	Cisco 1000BASE-CWDM GBIC 1510 nm
CWDM-GBIC-1530=	Cisco 1000BASE-CWDM GBIC 1530 nm
CWDM-GBIC-1550=	Cisco 1000BASE-CWDM GBIC 1550 nm
CWDM-GBIC-1570=	Cisco 1000BASE-CWDM GBIC 1570 nm
CWDM-GBIC-1590=	Cisco 1000BASE-CWDM GBIC 1590 nm
CWDM-GBIC-1610=	Cisco 1000BASE-CWDM GBIC 1610 nm

DWDM GBIC Transceivers (Dual SC/PC connectors)

Model Number	Transceiver Description
DWDM-GBIC-60.61=	1000BASE-DWDM GBIC 1560.61 nm
DWDM-GBIC-59.79=	1000BASE-DWDM GBIC 1559.79 nm
DWDM-GBIC-58.98=	1000BASE-DWDM GBIC 1558.98 nm
DWDM-GBIC-58.17=	1000BASE-DWDM GBIC 1558.17 nm
DWDM-GBIC-56.55=	1000BASE-DWDM GBIC 1556.55 nm
DWDM-GBIC-55.75=	1000BASE-DWDM GBIC 1555.75 nm
DWDM-GBIC-54.94=	1000BASE-DWDM GBIC 1554.94 nm
DWDM-GBIC-54.13=	1000BASE-DWDM GBIC 1554.13 nm
DWDM-GBIC-52.52=	1000BASE-DWDM GBIC 1552.52 nm

DWDM GBIC Transceivers (Dual SC/PC connectors)	
Model Number	Transceiver Description
DWDM-GBIC-51.72=	1000BASE-DWDM GBIC 1551.72 nm
DWDM-GBIC-50.92=	1000BASE-DWDM GBIC 1550.92 nm
DWDM-GBIC-50.12=	1000BASE-DWDM GBIC 1550.12 nm
DWDM-GBIC-48.51=	1000BASE-DWDM GBIC 1548.51 nm
DWDM-GBIC-47.72=	1000BASE-DWDM GBIC 1547.72 nm
DWDM-GBIC-46.92=	1000BASE-DWDM GBIC 1546.92 nm
DWDM-GBIC-46.12=	1000BASE-DWDM GBIC 1546.12 nm
DWDM-GBIC-44.53=	1000BASE-DWDM GBIC 1544.53 nm
DWDM-GBIC-43.73=	1000BASE-DWDM GBIC 1543.73 nm
DWDM-GBIC-42.94=	1000BASE-DWDM GBIC 1542.94 nm
DWDM-GBIC-42.14=	1000BASE-DWDM GBIC 1542.14 nm
DWDM-GBIC-40.56=	1000BASE-DWDM GBIC 1540.56 nm
DWDM-GBIC-39.77=	1000BASE-DWDM GBIC 1539.77 nm
DWDM-GBIC-39.98=	1000BASE-DWDM GBIC 1539.98 nm
DWDM-GBIC-38.19=	1000BASE-DWDM GBIC 1538.19 nm
DWDM-GBIC-35.82=	1000BASE-DWDM GBIC 1535.82 nm
DWDM-GBIC-35.04=	1000BASE-DWDM GBIC 1535.04 nm
DWDM-GBIC-34.25=	1000BASE-DWDM GBIC 1534.25 nm
DWDM-GBIC-32.68=	1000BASE-DWDM GBIC 1532.68 nm
DWDM-GBIC-31.90=	1000BASE-DWDM GBIC 1531.90 nm
DWDM-GBIC-31.12=	1000BASE-DWDM GBIC 1531.12 nm
DWDM-GBIC-30.33=	1000BASE-DWDM GBIC 1530.33 nm

SFP Transceivers	
Model Number	Transceiver Description
GLC-T=	1000BASE-T SFP transceiver module for Category 5 copper wire, RJ-45 connector
GLC-TE=	1000BASE-T SFP transceiver module for Category 5 copper wire, RJ-45 connector, Extended Temperature
GLC-SX-MM=	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, dual LC/PC connector
GLC-LH-SM=	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, dual LC/PC connector
GLC-ZX-SM=	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength, dual LC/PC connector
GLC-BX-D=	1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1310-nm RX wavelength, single LC/PC connector
GLC-BX-U=	1000BASE-BX10 SFP module for single-strand SMF, 1310-nm TX/1490-nm RX wavelength, single LC/PC connector
GLC-2BX-D=	Dual-channel 1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1310-nm RX wavelength, two single LC/PC connectors
SFP-GE-S=	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
SFP-GE-L=	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
GLC-EX-SMD=	1000BASE-EX SFP transceiver module for SMF, 1310-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
SFP-GE-Z=	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
SFP-GE-T=	1000BASE-T SFP transceiver module for Category 5 copper wire, extended operating temperature range, RJ-45 connector
GLC-SX-MM-RGD	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, industrial Ethernet, dual LC/PC connector
GLC-LX-SM-RGD	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, industrial Ethernet, dual LC/PC connector
GLC-ZX-SM-RGD	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength, industrial Ethernet, dual LC/PC connector
GLC-SX-MMD=	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
GLC-LH-SMD=	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector

SFP Transceivers	
Model Number	Transceiver Description
GLC-ZX-SMD=	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength, dual LC/PC connector
SFP-GPON-B	Gigabit passive optical network (GPON) Class B+ SFP OLT transceiver module, 1490-nm TX/1310-nm RX wavelength
SFP-GPON-B-I	Gigabit passive optical network (GPON) Class B+ SFP OLT transceiver module, 1490-nm TX/1310-nm RX wavelength, industrial temperature range
SFP-GPON-C	Gigabit passive optical network (GPON) Class C+ SFP OLT transceiver module, 1490-nm TX/1310-nm RX wavelength
SFP-GPON-C-I	Gigabit passive optical network (GPON) Class C+ SFP OLT transceiver module, 1490-nm TX/1310-nm RX wavelength, industrial temperature range

CWDM SFP Transceivers (dual LC/PC connector)	
Model Number	Transceiver Description
CWDM-SFP-1470=	Cisco CWDM SFP 1470 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1490=	Cisco CWDM SFP 1490 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1510=	Cisco CWDM SFP 1510 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1530=	Cisco CWDM SFP 1530 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1550=	Cisco CWDM SFP 1550 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1570=	Cisco CWDM SFP 1570 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1590=	Cisco CWDM SFP 1590 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1610=	Cisco CWDM SFP 1610 nm; Gigabit Ethernet and 1G/2G FC

DWDM SFP Transceivers (dual LC/PC connector)	
Model Number	Transceiver Description
DWDM-SFP-6061=	Cisco 1000BASE-DWDM SFP 1560.61 nm
DWDM-SFP-5979=	Cisco 1000BASE-DWDM SFP 1559.79 nm
DWDM-SFP-5898=	Cisco 1000BASE-DWDM SFP 1558.98 nm
DWDM-SFP-5817=	Cisco 1000BASE-DWDM SFP 1558.17 nm

DWDM SFP Transceivers (dual LC/PC connector)	
Model Number	Transceiver Description
DWDM-SFP-5655=	Cisco 1000BASE-DWDM SFP 1556.55 nm
DWDM-SFP-5575=	Cisco 1000BASE-DWDM SFP 1555.75 nm
DWDM-SFP-5413=	Cisco 1000BASE-DWDM SFP 1554.13 nm
DWDM-SFP-5494=	Cisco 1000BASE-DWDM SFP 1554.94 nm
DWDM-SFP-5252=	Cisco 1000BASE-DWDM SFP 1552.52 nm
DWDM-SFP-5172=	Cisco 1000BASE-DWDM SFP 1551.72 nm
DWDM-SFP-5092=	Cisco 1000BASE-DWDM SFP 1550.92 nm
DWDM-SFP-5012=	Cisco 1000BASE-DWDM SFP 1550.12 nm
DWDM-SFP-4851=	Cisco 1000BASE-DWDM SFP 1548.51 nm
DWDM-SFP-4772=	Cisco 1000BASE-DWDM SFP 1547.72 nm
DWDM-SFP-4692=	Cisco 1000BASE-DWDM SFP 1546.92 nm
DWDM-SFP-4612=	Cisco 1000BASE-DWDM SFP 1546.12 nm
DWDM-SFP-4453=	Cisco 1000BASE-DWDM SFP 1544.53 nm
DWDM-SFP-4373=	Cisco 1000BASE-DWDM SFP 1543.73 nm
DWDM-SFP-4294=	Cisco 1000BASE-DWDM SFP 1542.94 nm
DWDM-SFP-4214=	Cisco 1000BASE-DWDM SFP 1542.14 nm
DWDM-SFP-4056=	Cisco 1000BASE-DWDM SFP 1540.56 nm
DWDM-SFP-3977=	Cisco 1000BASE-DWDM SFP 1539.77 nm
DWDM-SFP-3898=	Cisco 1000BASE-DWDM SFP 1539.98 nm
DWDM-SFP-3819=	Cisco 1000BASE-DWDM SFP 1538.19 nm
DWDM-SFP-3661=	Cisco 1000BASE-DWDM SFP 1536.61 nm
DWDM-SFP-3582=	Cisco 1000BASE-DWDM SFP 1535.82 nm
DWDM-SFP-3504=	Cisco 1000BASE-DWDM SFP 1535.04 nm
DWDM-SFP-3425=	Cisco 1000BASE-DWDM SFP 1534.25 nm
DWDM-SFP-3268=	Cisco 1000BASE-DWDM SFP 1532.68 nm

DWDM SFP Transceivers (dual LC/PC connector)	
Model Number	Transceiver Description
DWDM-SFP-3190=	Cisco 1000BASE-DWDM SFP 1531.90 nm
DWDM-SFP-3112=	Cisco 1000BASE-DWDM SFP 1531.12 nm
DWDM-SFP-3033=	Cisco 1000BASE-DWDM SFP 1530.33 nm

DWDM SFP Transceivers (8 additional wavelengths) (dual LC/PC connector)	
Model Number	Transceiver Description
DWDM-SFP-6141=	Cisco 1000BASE-DWDM SFP 1561.42 nm
DWDM-SFP-5736=	Cisco 1000BASE-DWDM SFP 1557.36 nm
DWDM-SFP-5332=	Cisco 1000BASE-DWDM SFP 1553.33 nm
DWDM-SFP-4931=	Cisco 1000BASE-DWDM SFP 1549.32 nm
DWDM-SFP-4532=	Cisco 1000BASE-DWDM SFP 1545.32 nm
DWDM-SFP-4134=	Cisco 1000BASE-DWDM SFP 1541.35 nm
DWDM-SFP-3739=	Cisco 1000BASE-DWDM SFP 1537.40 nm
DWDM-SFP-3346=	Cisco 1000BASE-DWDM SFP 1533.47 nm

Catalyst Express 500 Support

[Catalyst Express 500](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
WS-CE500-24LC	GLC-SX-MM GLC-LH-SM	—	12.2(25)FY
WS-CE500-24PC	GLC-SX-MMD		
WS-CE500G-12TC	GLC-LH-SMD		

[Catalyst Express 520](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-CE520-8PC-K9	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(35)EX
WS-CE520-24LC-K9 WS-CE520-24PC-K9 WS-CE520G-24TC-K9	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(37)EX

Metro Ethernet Support

[Cisco ME 2400](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
ME-2400-24TS-A ME-2400-24TS-D	GLC-T(10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	12.2(25)EX
	GLC-BX-D GLC-BX-U CDWM SFP	12.2(44)SE	12.2(25)EX

[Cisco ME2600X](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME2600X-44FA-D-K9= ME2600X-44FE-D-K9= ME2600X-44FA-A-K9=	GLC-BX-D GLC-BX-U	—	15.2(02)SA

[Cisco ME 3400](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-3400-24TS-A ME-3400-24TS-D	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(25)EX
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	12.2(46)SE	12.2(25)EX
	GLC-ZX-SM	12.2(46)SE	12.2(25)EX
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(44)SE	12.2(25)EX
	DWDM SFP	12.2(44)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(50)SE	12.2(50)SE
	SFP-GE-S SFP-GE-L	12.2(46)SE	12.2(46)SE
	SFP-GE-T (10/100/1000)	—	12.2(46)SE
	GLC-EX-SMD	12.2(52)SE	12.2(52)SE
ME-3400G-12CS-A ME-3400G-12CS-D	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(25)SEG1
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	12.2(46)SE	12.2(25)SEG1
	GLC-ZX-SM	12.2(46)SE	12.2(25)SEG1
	GLC-BX-D	12.2(44)SE	12.2(25)SEG1
	GLC-BX-U	12.2(44)SE	12.2(25)SEG1
	CWDM SFP	12.2(44)SE	12.2(25)SEG1
	DWDM SFP	12.2(44)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(50)SE	12.2(50)SE
	SFP-GE-S SFP-GE-L	12.2(46)SE	12.2(46)SE

[Cisco ME 3400](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-T (10/100/1000)	—	12.2(46)SE
	GLC-EX-SMD	12.2(52)SE	12.2(52)SE
ME-3400G-2CS-A	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(35)SE1
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-ZX-SM	12.2(46)SE	12.2(35)SE1
	GLC-BX-D GLC-BX-U	12.2(44)SE	12.2(35)SE1
	CWDM SFP	12.2(44)SE	12.2(35)SE1
	DWDM SFP	12.2(44)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(50)SE	12.2(50)SE
	SFP-GE-S SFP-GE-L	12.2(46)SE	12.2(46)SE
	SFP-GE-T (10/100/1000)	—	12.2(46)SE
	GLC-EX-SMD	12.2(52)SE	12.2(52)SE
ME-3400-24FS-A	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(40)SE
	GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	12.2(46)SE	12.2(40)SE
	GLC-BX-D GLC-BX-U	12.2(44)SE	12.2(40)SE
	CWDM SFP	12.2(44)SE	12.2(40)SE
	DWDM SFP	12.2(50)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(50)SE	12.2(50)SE

[Cisco ME 3400](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-S	12.2(46)SE	12.2(46)SE
	SFP-GE-L		
	SFP-GE-T (10/100/1000)	—	12.2(46)SE
	GLC-EX-SMD	12.2(52)SE	12.2(52)SE
ME-3400E-24TS-M	GLC-T (10/100/1000)	—	12.2(44)EY
ME-3400EG-2CS-A	GLC-TE		
ME-3400EG-12CS-M	GLC-SX-MM		
	GLC-LH-SM		
	GLC-SX-MMD	12.2(44)EY	12.2(44)EY
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP (add.)	12.2(50)SE	12.2(50)SE
	SFP-GE-T (10/100/1000)	—	12.2(46)SE
	GLC-EX-SMD	12.2(52)SE	12.2(52)SE

[Catalyst 3750 Metro](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-C3750-24TE-M	GLC-T (1000BASE-T)	—	12.1(14)AX
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM	12.2(46)SE	12.1(14)AX1
	CWDM SFP	12.2(44)SE	12.1(14)AX1
	GLC-BX-D	12.2(44)SE	12.2(25)EY2

[Catalyst 3750 Metro](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX-U		
	DWDM SFP	12.2(44)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(50)SE	12.2(50)SE
	SFP-GE-S SFP-GE-L	12.2(46)SE	12.2(46)SE
	SFP-GE-T (10/100/1000)	—	12.2(46)SE
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-EX-SMD	12.2(52)SE	12.2(52)SE

[Cisco ME 3600X](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-3600X-24FS-M (SFP ports)	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM SFP-GE-T (10/100/1000)	—	12.2(52)EY
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-ZX-SM SFP-GE-S SFP-GE-L GLC-BX-U (CPN 10-2094-02) GLC-BX-D (CPN 10-2093-02)	12.2(52)EY	12.2(52)EY
	CWDM SFP DWDM SFP DWDM SFP (add.) GLC-EX-SMD GLC-ZX-SM	15.1(2)EY	15.1(2)EY

[Cisco ME 3600X](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-3600X-24FS-M ME-3600X-24TS-M (SFP+ ports)	GLC-SX-MM	—	12.2(52)EY
	GLC-LH-SM		
	GLC-BX40-U-I	15.4(03)S	15.4(03)S
	GLC-BX40-D-I		
	GLC-BX80-U-I		
	GLC-BX80-D-I		
	GLC-BX40-DA-I		
	GLC-SX-MMD	12.2(52)EY	12.2(52)EY
	GLC-LH-SMD		
	GLC-ZX-SMD		
ME-3600X-24CX-M	GLC-ZX-SM		
	SFP-GE-S		
	SFP-GE-L		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		
	SFP-GE-Z	15.3(1)S	15.3(1)S
	GLC-SX-MM-RGD	15.2(2)S1	15.2(2)S1
	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	GLC-SX-MMD		
	GLC-EX-SMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
	SFP-GE-L		
	SFP-GE-S		
	GLC-LH-SM		
	GLC-SX-MM		
	GLC-T		
	GLC-TE		
	SFP-GE-T		
	GLC-BX-U		
	GLC-BX-D		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		

[Cisco ME 3800X](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-3800X-24FS-M (client ports)	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM SFP-GE-T (10/100/1000)	—	12.2(52)EY
	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-ZX-SM SFP-GE-S SFP-GE-L GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	12.2(52)EY	12.2(52)EY
ME-3800X-24FS-M (SFP+ ports)	GLC-SX-MM GLC-LH-SM	—	12.2(52)EY
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-ZX-SM SFP-GE-S SFP-GE-L CWDM SFP DWDM SFP DWDM SFP (add.)	12.2(52)EY	12.2(52)EY

[Cisco ME 4600 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME4600-AMX-16GPON	SFP-GPON-B	3.1.1	3.1.1
	SFP-GPON-B-I		
	SFP-GPON-C		
	SFP-GPON-C-I		
ME4600-AMX-48GE	GLC-BX-D	3.1.1	3.1.1
	GLC-BX-U		
	GLC-2BX-D		

Cisco ME 4900 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-4924-10GE	GLC-T (1000BASE-T) — GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD		12.2(31)SGA
	GLC-ZX-SMD GLC-BX-D GLC-BX-U CDWM SFP	12.2(31)SGA	12.2(31)SGA
	DWDM SFP	12.2(37)SG	12.2(37)SG

[Cisco ME 6500 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-C6524GS-8S	GLC-T (1000BASE-T)	—	12.2(18)ZU
ME-C6524GT-8S	GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-BX-U CDWM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.2(33)SXH
	GLC-T (10/100/1000)	—	12.2(33)SXH
	GLC-TE	—	12.2(33)SXH
	DWDM SFP	—	12.2(18)ZU2

Catalyst 2900 Switches Support

[Catalyst 2900 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		Catalyst OS	Cisco IOS Release
WS-C2980G-A	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	7.2.1	—
WS-C2948G	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	7.2	—
WS-C2948G-L3	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	7.2	—

[Catalyst 2900 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		Catalyst OS	Cisco IOS Release
WS-C2948G-GE-TX	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-ZX-SMD CWDM SFP	8.2(1)GLX	—
WS-C2912MF-XL with WS-X2931-XL	WS-G5482	—	12.0(5)XW
	WS-G5483 WS-G5484 WS-G5486 WS-G5487	—	12.0(5)WC3b
	CWDM GBIC	—	12.0(5)WC5
WS-C2924M-XL-EN with WS-X2931-XL	WS-G5483 WS-G5484 WS-G5486 WS-G5487	—	12.0(5)WC3b
	CWDM GBIC	—	12.0(5)WC5
WS-C2924M-XL-EN-DC with WS-X2931-XL	WS-G5483 WS-G5484 WS-G5486 WS-G5487	—	12.0(5)WC3b
	CWDM GBIC	—	12.0(5)WC5

[Catalyst 2940 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2940-8TF-S	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-ZX-SMD CWDM SFP GLC-SX-MMD GLC-LH-SMD	—	12.1(13)AY

[Catalyst 2950 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2950G-12-EI	WS-G5483	—	12.1(6)EA2b
WS-C2950G-24-EI	WS-G5484		
WS-C2950G-24-EI-DC	WS-G5486		
WS-C2950G-48-EI	WS-G5487		
	CWDM GBIC	—	12.1(12c)EA1
	DWDM GBIC	—	12.1(20)EA2
WS-C2950ST-8 LRE	GLC-T (1000BASE-T)	—	12.1(19)EA1c
WS-C2950ST-24 LRE	GLC-TE		
WS-C2950ST-24 LRE997	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		

[Catalyst 2960 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960-24TC-L	GLC-T (1000BASE-T)	—	12.2(25)FX
WS-C2960G-24TC-L	GLC-TE		
WS-C2960-48TC-L	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
WS-C2960-24PC-L	GLC-T (1000BASE-T)	—	12.2(44)SE
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
WS-C2960-24TC-S	GLC-T (1000BASE-T)	—	12.2(37)EY
WS-C2960-48TC-S	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
WS-C2960-8TC-S	GLC-SX-MM	—	12.2(46)SE
	GLC-LH-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
WS-C2960-48PST-L	GLC-T (1000BASE-T)	—	12.2(46)SE
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		

[Catalyst 2960 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960-8TC-L WS-C2960G-8TC-L	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP GLC-SX-MMD GLC-LH-SMD	—	12.2(35)SE
WS-C2960G-48TC-L	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP GLC-SX-MMD GLC-LH-SMD	—	12.2(25)SEE
WS-C2960-48PST-S WS-C2960-24PC-S WS-C2960-24LC-S	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(50)SE

[Catalyst 2960 Plus Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960+48PST-L WS-C2960+24PC-L WS-C2960+24LC-L WS-C2960+48TC-L WS-C2960+24TC-L	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-BX-U CWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	15.0(2)EZ

[Catalyst 2960 Plus Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960+48PST-S	GLC-T (1000BASE-T)	—	15.0(2)EZ
WS-C2960+24PC-S	GLC-TE		
WS-C2960+24LC-S	GLC-SX-MM		
WS-C2960+48TC-S	GLC-LH-SM		
WS-C2960+24TC-S	GLC-SX-MMD		
	GLC-LH-SMD		

[Catalyst 2960 S Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960S-24TS-S	GLC-T (1000BASE-T)	—	12.2(53)SE1
WS-C2960S-48TS-S	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-SX-MMD		
	GLC-LH-SM		
	GLC-EX-SMD ¹	—	IOS 12.2(58)SE
WS-C2960S-48FPS-L	GLC-T (1000BASE-T)	—	12.2(53)SE1
WS-C2960S-48LPS-L	GLC-TE		
WS-C2960S-24PS-L	GLC-SX-MM		
WS-C2960S-48TS-L	GLC-LH-SM		
WS-C2960S-24TS-L	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD ¹	—	IOS 12.2(58)SE

¹ CPN 10-2624-01 or later only.

[Catalyst 2960 S Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960S-48FPD-L	GLC-SX-MM	—	12.2(53)SE1
WS-C2960S-48LPD-L	GLC-LH-SM		
WS-C2960S-24PD-L	GLC-ZX-SM		
WS-C2960S-48TD-L	GLC-ZX-SMD		
WS-C2960S-24TD-L	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD ¹	—	IOS 12.2(58)SE

[Catalyst 2960 SF Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
2960S-F48TS-S	GLC-T (1000BASE-T)	—	15.0(2)SE
2960S-F24TS-S	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD ¹		
2960S-F48FPS-L	GLC-T (1000BASE-T)	—	15.0(2)SE
2960S-F48LPS-L	GLC-TE		
2960S-F24PS-L	GLC-SX-MM		
2960S-F48TS-L	GLC-LH-SM		
2960S-F24TS-L	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD ¹		

[Catalyst 2960 C Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960CG-8TC-L	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP	—	12.2(55)EX1
	GLC-EX-SMD ¹	—	15.0(2)SE
WS-C2960C-8TC-S	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD	—	12.2(55)EX3
	GLC-EX-SMD ¹	—	15.0(2)SE
WS-C2960C-8TC-L WS-C2960C-8PC-L WS-C2960C-12PC-L	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP	—	12.2(55)EX3
	GLC-EX-SMD ¹	—	15.0(2)SE

[Catalyst 2960 X Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960X-24TS-LL WS-C2960X-48TS-LL	GLC-LH-SMD GLC-SX-MMD GLC-EX-SMD ¹ GLC-T GLC-TE GLC-LH-SM GLC-SX-MM GLC-GE-100FX	15.0(2)EX	15.0(2)EX

[Catalyst 2960 X Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960X-24PSQ-L	GLC-BX-D GLC-BX-U GLC-LH-SMD GLC-SX-MMD GLC-EX-SMD ¹ GLC-ZX-SMD GLC-T GLC-TE GLC-ZX-SM GLC-LH-SM GLC-SX-MM	15.0(2)EX	15.0(2)EX
WS-C2960X-24PS-L	GLC-BX-D	15.0(2)EX	15.0(2)EX
WS-C2960X-24TS-L	GLC-BX-U		
WS-C2960X-48TS-L	GLC-LH-SMD		
WS-C2960X-48LPS-L	GLC-SX-MMD		
WS-C2960X-48FPS-L	GLC-EX-SMD ¹		
WS-C2960X-24TD-L	GLC-ZX-SMD		
WS-C2960X-24PD-L	GLC-T		
WS-C2960X-48TD-L	GLC-TE		
WS-C2960X-48LPD-L	GLC-ZX-SM		
WS-C2960X-48FPD-L	GLC-LH-SM		
	GLC-SX-MM		
	CWDM-SFP		
	GLC-GE-100FX		

[Catalyst 2960 XR Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960XR-24TS-I	GLC-BX-D	15.0(2)EX1	15.0(2)EX1
WS-C2960XR-48TS-I	GLC-BX-U		
WS-C2960XR-24PS-I	GLC-LH-SMD		
WS-C2960XR-48LPS-I	GLC-SX-MMD		
WS-C2960XR-48FPS-I	GLC-EX-SMD ¹		
WS-C2960XR-24TD-I	GLC-ZX-SMD		
WS-C2960XR-48TD-I	GLC-T		
WS-C2960XR-24PD-I	GLC-TE		
WS-C2960XR-48LPD-I	GLC-ZX-SM		
WS-C2960XR-48FPD-I	GLC-LH-SM		
	GLC-SX-MM		
	CWDM-SFP		
	GLC-GE-100FX		

Catalyst 2960 CX Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960CX-8TC-L	GLC-BX-D	15.2(3)E	15.2(3)E
WS-C2960CX-8PC-L	GLC-BX-U		
	GLC-GE-100FX		
	GLC-LH-SMD		
	GLC-SX-MMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-ZX-SM		
	GLC-LH-SM		
	GLC-SX-MM		
	DWDM SFP		
	CWDM SFP		
WS-C2960CX-8TC-L	GLC-T (10/100/1000)	15.2(5)E	15.2(5)E
WS-C2960CX-8PC-L	GLC-TE		

Catalyst 2970 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2970G-24TS-E	GLC-T (10/100/1000)	—	12.1(14)EA1
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-SX-MMD		
	GLC-LH-SMD		

[Catalyst 2975 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2975GS-48PS-L	GLC-T (1000BASE-T)	—	12.2(46)EX
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		

Catalyst 3500 Switches Support

[Catalyst 3500XL series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
WS-C3508G-XL-EN	WS-G5482	—	12.0(5)XW
WS-C3512-XL-EN			
WS-C3524-XL-EN	WS-G5483	—	12.0(5)WC3b
WS-C3524-PWR-XL-EN	WS-G5484		
WS-C3548-XL-EN	WS-G5486		
	WS-G5487		
	CWDM GBIC		

[Catalyst 3550 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3550-24-SMI	WS-G5482	—	12.1(6)EA1a
WS-C3550-24-EMI			
WS-C3550-24-DC-SMI	WS-G5483	—	12.1(8)EA1b
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC	—	12.1(12c)EA1
	DWDM GBIC	—	12.1(20)EA2

[Catalyst 3550 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3550-24-FX-SMI	WS-G5482	—	12.1(12c)EA1
WS-C3550-24PWR-SMI	WS-G5483		
WS-C3550-24PWR-EMI	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
	DWDM GBIC	—	12.1(20)EA2
WS-C3550-48-SMI	WS-G5482	—	12.1(8)EA1b
WS-C3550-48-EMI	WS-G5483		
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC	—	12.1(12c)EA1
	DWDM GBIC	—	12.1(20)EA2
WS-C3550-12G	WS-G5482	—	12.1(6)EA1
WS-C3550-12T	WS-G5483	—	12.1(8)EA1b
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC	—	12.1(12c)EA1
	DWDM GBIC	—	12.1(20)EA2

[Catalyst 3560 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560-24PS WS-C3560-48PS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.1(19)EA1c
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.1(19)EA1c
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3560G-24TS WS-C3560G-48TS WS-C3560G-48PS WS-C3560G-24PS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(20)SE3
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.2(20)SE3
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3560-48TS WS-C3560-24TS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(20)SE3

[Catalyst 3560 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.2(20)SE3
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(35)SE
	GLC-ZX-SM GLC-ZX-SMD CWDM SFP GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(35)SE
	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(46)SE
	GLC-ZX-SM GLC-ZX-SMD CWDM SFP GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(46)SE
WS-C3560V2-24PS WS-C3560V2-24TS WS-C3560V2-48PS WS-C3560V2-48TS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(50)SE

[Catalyst 3560 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD SFP-GE-S SFP-GE-L CWDM SFP GLC-BX-D GLC-BX-U DWDM SFP	12.2(50)SE	12.2(50)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

[Catalyst 3560 E Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560E-24TD	GLC-T (10/100/1000)	—	12.2(35)SE2
WS-C3560E-24PD	GLC-TE		
WS-C3560E-48TD	GLC-SX-MM		
WS-C3560E-48PD	GLC-LH-SM		
WS-C3560E-48PDF			
With CVR-X2-SFP (for X2 ports)	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.2(35)SE2
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3560E-12D With CVR-X2-SFP (for X2 ports)	GLC-T (10/100/1000)	—	12.2(40)EX
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.2(40)EX
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3560E-12SD	GLC-T (10/100/1000)	—	12.2(44)SE
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		

[Catalyst 3560 E Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD	12.2(46)SE	12.2(44)SE
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3560E-12SD With CVR-X2-SFP (for X2 ports)	GLC-T (10/100/1000)	—	12.2(44)SE
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-SX-MMD	12.2(46)SE	12.2(44)SE
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

[Catalyst 3560 X Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560X-24T	GLC-T (10/100/1000)	—	12.2(53)SE
WS-C3560X-48T	GLC-TE		
WS-C3560X-24P	GLC-SX-MM		
WS-C3560X-48P	GLC-LH-SM		
WS-C3560X-48PF			
With C3KX-NM-1G and C3KX-NM-10G (slots 1 and 3) network modules	GLC-SX-MMD	12.2(53)SE	12.2(53)SE
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3560X-24T	GLC-SX-MM	—	12.2(53)SE
WS-C3560X-48T	GLC-LH-SM		
WS-C3560X-24P			
WS-C3560X-48P	GLC-SX-MMD	12.2(53)SE	12.2(53)SE
WS-C3560X-48PF	GLC-LH-SMD		
With C3KX-NM-10G (slots 2 and 4) and C3KX-SM-10G network modules	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

Catalyst 3560 CX Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560CX-8PC-S	GLC-BX-D	15.2(3)E	15.2(3)E
WS-C3560CX-8TC-S	GLC-BX-U		
WS-C3560CX-12TC-S	GLC-GE-100FX		
WS-C3560CX-12PC-S	GLC-LH-SMD		
WS-C3560CX-12PD-S	GLC-SX-MMD		
WS-C3560CX-8XPD-S	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-ZX-SM		
	GLC-LH-SM		
	GLC-SX-MM		
	DWDM SFP		
	CWDM SFP		
WS-C3560CX-8PC-S	GLC-T(10/100/1000	15.2(5)E	15.2(5)E
WS-C3560CX-8TC-S	GLC-TE		
WS-C3560CX-12TC-S			
WS-C3560CX-12PC-S			
WS-C3560CX-12PD-S			
WS-C3560CX-8XPD-S			

Catalyst 3560 C Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560CG-8TC-S	GLC-SX-MM	—	12.2(55)EX
WS-C3560CG-8PC-S	GLC-SX-MMD		
	GLC-LH-SM		
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-EX-SMD ¹	—	15.0(2)SE

Catalyst 3560 C Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560C-8PC-S	GLC-SX-MM	—	12.2(55)EX3
WS-C3560C-12PC-S	GLC-SX-MMD		
	GLC-LH-SM		
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-EX-SMD ¹	—	15.0(2)SE

Catalyst 3600 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
13.3.	WS-C3650-24TS	GLC-T (10/100/1000)	XE 3.3.0SE
	WS-C3650-48TS	GLC-TE	XE 3.3.0SE
	WS-C3650-24PS	GLC-LH-SM	
	WS-C3650-48PS	GLC-LH-SMD	
	WS-C3650-48FS	GLC-SX-MM	
	WS-C3650-24TD	GLC-SX-MMD	13.3.
	WS-C3650-48TD	GLC-EX-SMD ¹	
	WS-C3650-24PD	GLC-ZX-SM	
	WS-C3650-48PD	GLC-ZX-SMD	
	WS-C3650-48FD	GLC-BX-D	
	WS-C3650-48FQ	GLC-BX-U	
	WS-C3650-48PQ	CWDM SFP	
	WS-C3650-48TQ	SFP-GE-S	
	WS-C3650-24PDM ³	SFP-GE-L	
	WS-C3650-48FQM ³	SFP-GE-T	
	WS-C3650-8X24UQ ³	SFP-GE-Z	
	WS-C3650-12X48UQ ³	DWDM SFP	
	WS-C3650-12X48UR ³	DWDM SFP (add.)	
	WS-C3650-12X48UZ ³		
	GLC-BX40-D-I	XE 3.7.1E	XE 3.7.1E
	GLC-BX40-DA-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		

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

Catalyst 3700 Series Switches Support

[Catalyst 3750 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
WS-C3750G-12S WS-C3750G-24TS WS-C3750G-48TS WS-C3750G-24PS WS-C3750G-48PS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.1(14)EA1
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.1(14)EA1
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3750-24TS WS-C3750-48TS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.1(14)EA1
	GLC-SX-MMD GLC-LH-SMD	12.2(46)SE	12.1(14)EA1
	GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.1(19)EA1c
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3750-24PS WS-C3750-48PS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.1(19)EA1c

[Catalyst 3750 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.1(19)EA1c
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3750-24FS-S	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(25)SEB
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD SFP-GE-S SFP-GE-L SFP-GE-Z CWDM SFP GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3750-24WFS	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(25)FZ

[Catalyst 3750 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
	GLC-SX-MMD	12.2(46)SE	12.2(25)FZ
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	CWDM SFP		
	GLC-BX-D		
	GLC-BX-U		
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3750V2-24PS	GLC-T (10/100/1000)	—	12.2(50)SE
WS-C3750V2-24TS	GLC-TE		
WS-C3750V2-48PS	GLC-SX-MM		
WS-C3750V2-48TS	GLC-LH-SM		
WS-C3750V2-24FS (uplink ports)	GLC-SX-MMD	12.2(50)SE	12.2(50)SE
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	CWDM SFP		
	GLC-BX-D		
	GLC-BX-U		
	DWDM SFP		
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

[Catalyst 3750-E series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3750E-24TD	GLC-T (10/100/1000)	—	12.2(35)SE2
WS-C3750E-24PD	GLC-TE		
WS-C3750E-48TD	GLC-SX-MM		
WS-C3750E-48PD	GLC-LH-SM		

[Catalyst 3750-E series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3750E-48PDF With CVR-X2-SFP (for X2 ports)	GLC-SX-MMD	12.2(46)SE	12.2(35)SE2
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP	12.2(44)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

[Catalyst 3750-X series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3750X-24T	GLC-T (10/100/1000)	—	12.2(53)SE
WS-C3750X-48T	GLC-TE		
WS-C3750X-24P	GLC-SX-MM		
WS-C3750X-48P	GLC-LH-SM		
WS-C3750X-48PF			
With C3KX-NM-1G and C3KX-NM-10G (slots 1 and 3) network modules	GLC-SX-MMD	12.2(53)SE	12.2(53)SE
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3750X-24T	GLC-SX-MM	—	12.2(53)SE
WS-C3750X-48T	GLC-LH-SM		

[Catalyst 3750-X series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3750X-24P WS-C3750X-48P WS-C3750X-48PF With C3KX-NM-10G (slots 2 and 4) and C3KX-SM-10G network modules	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z DWDM SFP DWDM SFP (add.)	12.2(53)SE	12.2(53)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3750X-12S WS-C3750X-24S Client ports and uplink ports with C3KX-NM-1G and C3KX-NM-10G (slots 1 and 3) network modules	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(55)SE5
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z DWDM SFP DWDM SFP (add.)	12.2(55)SE5	12.2(55)SE5
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3750X-12S WS-C3750X-24S	GLC-SX-MM GLC-LH-SM	—	12.2(55)SE5

[Catalyst 3750-X series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
Uplink ports with C3KX-NM-10G (slots 2 and 4) and C3KX-SM-10G network modules	GLC-SX-MMD	12.2(55)SE5	12.2(55)SE5
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-EX-SMD ¹		
		12.2(58)SE	12.2(58)SE

Catalyst 3800 Series Switches Support

[Catalyst 3850 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
C3850-NM-4-1G Uplink Module	GLC-T (10/100/1000)	XE 3.2.0SE	XE 3.2.0SE
	GLC-TE		
	GLC-LH-SM		
WS-C3850-12S	GLC-LH-SMD	XE 3.3.3SE	XE 3.3.3SE
WS-C3850-24S	GLC-SX-MM		
	GLC-SX-MMD		
	GLC-EX-SMD ¹		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-T		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-GE-100FX		
	GLC-BX40-D-I	XE 3.7.1E	XE 3.7.1E
	GLC-BX40-DA-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		

[Catalyst 3850 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3850-12XS	GLC-T (10/100/1000)	XE 3.7.1	XE 3.7.1
WS-C3850-16XS	GLC-TE		
WS-C3850-24XS	GLC-LH-SM		
WS-C3850-32XS	GLC-LH-SMD		
(with C3850-NM-8-10G NM)	GLC-SX-MM		
	GLC-SX-MMD		
	GLC-EX-SMD ¹		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-T		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
WS-C3850-48XS-S	GLC-T (10/100/1000)	XE 3.7.2	XE 3.7.2
WS-C3850-48XS-E	GLC-TE		
WS-C3850-48XS-F-S	GLC-LH-SM		
WS-C3850-48XS-F-E	GLC-LH-SMD		
WS-C3850-48XS	GLC-SX-MM		
	GLC-SX-MMD		
	GLC-EX-SMD ¹		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-T		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		

Industrial Ethernet and Smart Grid Support

[Cisco IE1000 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco OS Release
IE-1000-4P2S-LM	GLC-SX-MM-RGD	NA	1.3
IE-1000-8P2S-LM	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	GLC-SX-MM		
	GLC-SX-MMD		
	GLC-LH-SM		
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	GLC-BX40-U-I		
	GLC-BX40-DA-I		
	GLC-BX80-U-I		
	GLC-BX80-D-I		
	GLC-T		

[Cisco IE2000 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
IE-2000-4TS-G-L	GLC-SX-MM-RGD	15.0(1)EY	15.0(1)EY
IE-2000-4TS-G-B	GLC-LX-SM-RGD		
IE-2000-4S-TS-G-L	GLC-ZX-SM-RGD		
IE-2000-4S-TS-G-B	SFP-GE-S		
IE-2000-8TC-G-L	SFP-GE-L		
IE-2000-8TC-G-B	SFP-GE-Z		
IE-2000-8TC-G-E	GLC-ZX-SM		
IE-2000-8TC-G-N	GLC-SX-MMD		
IE-2000-16TC-G-L	GLC-LH-SMD		
IE-2000-16TC-G-E	GLC-EX-SMD		
IE-2000-16TC-G-X	GLC-ZX-SMD		
IE-2000-16TC-G-N	GLC-BX-D		
IE-2000-16PTC-G-L	GLC-BX-U		
IE-2000-16PTC-G-E	CWDM-SFP-xxx		
IE-2000-16PTC-G-NX	DWDM-SFP-xxx		
	GLC-SX-MM	—	15.0(1)EY
	GLC-LH-SM		
	GLC-T	—	15.2(1)EY
	GLC-TE		

[Cisco IE2000 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA

[Cisco IE2000U series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE 2000U-4TS-G IE 2000U-8TC-G IE 2000U-16TC-G IE 2000U-16TC-G-X IE 2000U-16TC-GP	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD SFP-GE-S SFP-GE-L SFP-GE-Z GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM-SFP-xxxx DWDM-SFP-xxxx	15.0(2)EK1	15.0(2)EH
	GLC-SX-MM GLC-LH-SM	—	15.0(2)EH
	GLC-T GLC-TE	—	15.2(4)EA
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA
IE-2000U-4S-G	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD SFP-GE-S SFP-GE-L SFP-GE-Z GLC-ZX-SM	15.0(2)EK1	15.0(2)EK1

[Cisco IE2000U series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM-SFP-xxx DWDM-SFP-xxx		
	GLC-SX-MM GLC-LH-SM	—	15.0(2)EK1
	GLC-T GLC-TE	—	15.2(4)EA
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA

[Cisco IE3000 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-3000-4TC IE-3000-8TC	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD SFP-GE-S SFP-GE-L SFP-GE-Z GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM-SFP-xxx DWDM-SFP-xxx	12.2(44)EX	12.2(44)EX
	GLC-SX-MM GLC-LH-SM GLC-T GLC-TE	—	12.2(44)EX

Cisco IE3000 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-EX-SMD	12.2(58)SE1	12.2(58)SE1
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA

Cisco IE3010 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-3010-24TC IE-3010-16S-8PC	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD SFP-GE-S SFP-GE-L SFP-GE-Z GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM-SFP-xxxx DWDM-SFP-xxxx	12.2(53)EZ	12.2(53)EZ
	GLC-SX-MM GLC-LH-SM	—	12.2(53)EZ
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA
	GLC-EX-SMD	15.0(2)SE	15.0(2)SE
	GLC-T GLC-TE	—	Not Supported (Has Combo Ports)

Cisco IE4000 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-4000-4TC4G-E	GLC-SX-MM-RGD	15.2(2)EA	15.2(2)EA
IE-4000-8T4G-E	GLC-LX-SM-RGD		
IE-4000-8S4G-E	GLC-ZX-SM-RGD		
IE-4000-4T4P4G-E	SFP-GE-S		
IE-4000-16T4G-E	SFP-GE-L		
IE-4000-4S8P4G-E	SFP-GE-Z		
IE-4000-8GT4G-E	GLC-ZX-SM		
IE-4000-8GS4G-E	GLC-SX-MMD		
IE-4000-4GC4GP4G-E	GLC-LH-SMD		
IE-4000-16GT4G-E	GLC-EX-SMD		
IE-4000-8GT8GP4G-E	GLC-ZX-SMD		
IE-4000-4GS8GP4G-E	GLC-BX-D		
	GLC-BX-U		
	CWDM-SFP-xxxx		
	DWDM-SFP-xxxx		
	GLC-SX-MM	—	15.2(2)EA
	GLC-LH-SM		
	GLC-T		
	GLC-TE		
	GLC-BX40-U-I	15.2(4)EA	15.2(4)EA
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX80-U-I		
	GLC-BX80-D-I		

[Cisco IE4010 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-4010-4S24P	GLC-SX-MM-RGD	15.2(4)EC	15.2(4)EC
IE-4010-16S12P	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	GLC-BX40-U-I		
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX80-U-I		
	GLC-BX80-D-I		
	CWDM-SFP-xxxx		
	DWDM-SFP-xxxx		
	GLC-SX-MM	-	
	GLC-LH-SM		15.2(4)EC
	GLC-T		
	GLC-TE		

[Cisco IE5000 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-5000-12S12P-10G	GLC-SX-MM-RGD	15.2(2)EB	15.2(2)EB
	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM-SFP-xxxx		
	DWDM-SFP-xxxx		
	GLC-SX-MM	—	15.2(2)EB
	GLC-LH-SM		

[Cisco IE5000 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-T		
	GLC-TE		
	GLC-BX40-U-I	15.2(4)EA1	15.2(4)EA1
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
IE-5000-16S12P	GLC-BX80-U-I		
	GLC-BX80-D-I		
	GLC-SX-MM-RGD	15.2(2)EB1	15.2(2)EB1
	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM-SFP-xxxx		
	DWDM-SFP-xxxx		
	GLC-SX-MM	—	15.2(2)EB1
	GLC-LH-SM		
	GLC-T		
	GLC-TE		
	GLC-BX40-U-I	15.2(4)EA1	15.2(4)EA1
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX80-U-I		
	GLC-BX80-D-I		

Cisco 2500 Connected Grid Switch Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
CGS-2520-24TC CGS-2520-16S-8PC	GLC-SX-MM-RGD	12.2(53)EX	12.2(53)EX
	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM-SFP-xxx		
	DWDM-SFP-xxx		
	GLC-SX-MM	—	12.2(53)EX
	GLC-LH-SM		
	GLC-EX-SMD	12.2(58)EY	12.2(58)EY
	GLC-BX40-U-I	15.2(3)EA	15.2(3)EA
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX80-U-I		
	GLC-BX80-D-I		
	GLC-T	—	Not Supported(Has Combo Ports)
	GLC-TE		

Cisco 2000 Connected Grid Router Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
CGR 2010 (Router Onboard Ethernet)	GLC-SX-MM-RGD	15.3(3)M	15.1(1)T
	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	SFP-GE-S	15.3(3)M	15.3(3)M
	SFP-GE-L		
	SFP-GE-Z		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		

Cisco 2000 Connected Grid Router Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM-SFP-xxx DWDM-SFP-xxx		
	GLC-EX-SMD	15.4(3)M	15.4(3)M
	GLC-T GLC-TE	—	Not Supported (Has Combo Ports)
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	—	Not Supported Yet
GRWIC-D-ES-2S-8PC GRWIC-D-ES-6S	GLC-SX-MM-RGD	12.2(58)EY	12.2(58)EY
	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM-SFP-xxx DWDM-SFP-xxx		
	GLC-SX-MM GLC-LH-SM	—	12.2(58)EY
	GLC-T GLC-TE	—	15.2(3)EA (Only in G0/2 since G0/1 is Combo Port)
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA

Catalyst 4500 Switches Support

[Catalyst 4500 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		Cisco IOS Support	DOM Support
WS-X4013	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CDWM GBIC	—	—
WS-X4013+	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CDWM GBIC	12.1(19)EW	—
	DWDM GBIC	12.1(19)EW	12.1(19)EW
WS-X4013+TS	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	12.2(20)EWA	—
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(20)EWA	12.2(20)EWA
	DWDM SFP	12.2(37)SG	12.2(37)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
WS-X4013+10GE	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	12.2(25)SG	—
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(25)SG	12.2(25)SG
	DWDM SFP	12.2(37)SG	12.2(37)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
WS-X4014	WS-G5483	12.1(13)EW	—
WS-X4232-GB-RJ			
WS-X4306-GB	WS-G5484	12.1(8a)EW	—
WS-X4412-2GB-T	WS-G5486 WS-G5487		

[Catalyst 4500 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		Cisco IOS Support	DOM Support
	CWDM GBIC	12.1(12c)EW	—
	DWDM GBIC	12.1(19)EW	12.1(19)EW
WS-X4418-GB	WS-G5484 WS-G5486 WS-G5487	12.1(8a)EW	—
	CWDM GBIC	12.1(12c)EW	—
	DWDM GBIC	12.1(19)EW	12.2(19)EW
WS-X4302-GB	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	12.1(19)EW	—
	DWDM GBIC	12.1(19)EW	12.2(19)EW
WS-X4448-GB-SFP	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	12.2(20)EW	—
	CWDM SFP	12.2(20)EW	12.2(20)EW
	GLC-BX-D GLC-BX-U	12.2(20)EWA	12.2(20)EWA
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	12.2(25)EWA 10	—
WS-X4506-GB-T	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	12.2(20)EWA	—
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(20)EWA	12.2(20)EWA

[Catalyst 4500 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		Cisco IOS Support	DOM Support
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
WS-X4515	WS-G5483	12.1(13)EW	—
	WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	12.1(12c)EW	—
	DWDM GBIC	12.1(19)EW	12.1(19)EW
	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	12.2(18)EW	—
WS-X4516	DWDM GBIC	12.2(18)EW	12.2(18)EW
	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	12.2(25)EWA	—
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(25)EWA	12.2(25)EWA
	DWDM SFP	12.2(37)SG	12.2(37)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-ZX-SMD	12.2(25)EWA 10	—
WS-X45-SUP6-E	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	12.2(40)SG	—
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(40)SG	12.2(40)SG

[Catalyst 4500 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		Cisco IOS Support	DOM Support
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	12.2(40)SG	—
	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	12.2(40)SG	—
WS-X4606-X2 with CVR-X2-SFP Twin Gig converter	GLC-SX-MMD GLC-LH-SMD	12.2(40)SG	3.7.2E
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(40)SG	12.2(40)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	12.2(40)SG	3.7.2E
	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	12.2(44)SG	—
	GLC-SX-MMD GLC-LH-SMD	12.2(44)SG	3.7.2E
WS-X4624-SFP-E	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(44)SG	12.2(44)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	12.2(44)SG1	3.7.2E

[Catalyst 4500 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		Cisco IOS Support	DOM Support
WS-X45-SUP6L-E with CVR-X2-SFP Twin Gig converter	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	12.2(52)SG	—
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(52)SG	12.2(52)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-EX-SMD	15.1(1)SG	15.1(1)SG
WS-X4612-SFP-E	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	12.2(54)SG	—
	GLC-SX-MMD GLC-LH-SMD	12.2(54)SG	3.7.2E
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	12.2(54)SG	12.2(54)SG
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	12.2(44)SG1	3.7.2E
WS-X4640-CSFP-E	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	15.0(2)SG	—
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	15.0(2)SG	3.7.2E

[Catalyst 4500 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		Cisco IOS Support	DOM Support
	GLC-BX-D GLC-2BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	15.0(2)SG	15.0(2)SG
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
WS-X4712-SFP+E WS-X45-SUP7-E	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	3.1.0SG	—
	GLC-SX-MMD GLC-LH-SMD	3.1.0SG	3.7.2E
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	3.1.0SG	3.1.0SG
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	3.8.0E	3.8.0E
	GLC-EX-SMD ¹	3.4.1SG	3.4.1SG
	GLC-ZX-SMD	3.4.1SG	3.7.2E
	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	3.2.0XO	—
	GLC-SX-MMD GLC-LH-SMD	3.2.0XO	3.7.2E

[Catalyst 4500 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		Cisco IOS Support	DOM Support
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	3.2.0XO	3.2.0XO
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	3.8.0E	3.8.0E
	GLC-EX-SMD ¹	3.4.1SG	3.4.1SG
	GLC-ZX-SMD	3.4.1SG	3.7.2E
WS-X45-SUP8-E	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	3.3.0XO	—
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	3.3.0XO	3.7.2E
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	3.8.0E	3.0.8E
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.) GLC-EX-SMD ¹	3.3.0XO	3.3.0XO
WS-X45-SUP8L-E	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U	3.8.1E	3.8.1E

[Catalyst 4500 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		Cisco IOS Support	DOM Support
	CWDM SFP DWDM SFP GLC-EX-SMD ¹		
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	3.8.1E	3.8.1E
WS-X4748-SFP-E WS-X4724-SFP-E WS-X4712-SFP-E	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-EX-SMD GLC-ZX-SM GLC-BX-D GLC-BX-U CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z DWDM SFP	15.2(1)E	15.2(1)E
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	15.2(1)E	3.7.2E

Catalyst 4500X Series Support

Network Device	Transceiver Module	Minimum Software Release Required	
		Cisco IOS Support	DOM Support
WS-C4500X-32SFP+ WS-C4500X-F-32SFP+ WS-C4500X-40X-ES C4KX-NM-8SFP+	GLC-T (1000BASE-T)	3.3.0SG	—
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-T (10/100)		3.7.1E
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	3.3.0SG	3.7.2E
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	3.3.0SG	3.3.0SG
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	3.8.0E	3.8.0E
	GLC-EX-SMD ¹ (CPN 10-2624-01 or later only)	3.4.1SG	3.4.1SG
WS-C4500X-16SFP+ WS-C4500X-F-16SFP+ WS-C4500X-24X-ES	GLC-T (1000BASE-T)	3.3.1SG	—
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-T (10/100)		3.7.1E
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	3.3.1SG	3.7.2E
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	3.3.1SG	3.3.1SG
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I	3.8.0E	3.8.0E

Network Device	Transceiver Module	Minimum Software Release Required	
		Cisco IOS Support	DOM Support
	GLC-BX40-DA-I		
	GLC-EX-SMD ¹	3.4.1SG	3.4.1SG

Catalyst 4900 Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Support
WS-C4912G	WS-G5483	—	—
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
WS-C4948	GLC-T (1000BASE-T)	—	12.2(20)EWA
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-BX-D	12.2(20)EWA	12.2(20)EWA
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP	12.2(37)SG	12.2(37)SG
	DWDM (add.)	12.2(53)SG3	12.2(53)SG3
WS-4928-10GE	GLC-T (1000BASE-T)	—	12.2(46)SG
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-BX-D	12.2(46)SG	12.2(46)SG
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Support
WS-C4948E(-F)	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	12.2(54)SG
	GLC-SX-MMD GLC-LH-SMD	15.2(3)E2	12.2(54)SG
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(54)SG	12.2(54)SG
	DWDM SFP (add.) GLC-EX-SMD ¹	12.2(53)SG3	12.2(53)SG3
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	15.2(4)E	15.2(4)E
	GLC-ZX-SMD	15.2(3)E2	12.2(53)SG3
WS-X4908 with CVR-X2-SFP Twin Gig converter in a WS-C4900M	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	12.2(40)XO or 12.2(44)SG
	GLC-SX-MMD GLC-LH-SMD	15.2(3)E2	12.2(40)XO or 12.2(44)SG
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(40)XO or 12.2(44)SG	12.2(40)XO or 12.2(44)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	15.2(4)E	15.2(4)E
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	15.2(3)E2	12.2(40)XO

Catalyst 6500 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required		
		DOM Support	Cisco IOS Release	Catalyst OS
WS-X6K-SUP1-2GE	WS-G5483	—	12.1(13)E	7.2
WS-X6K-SUP1A-2GE				
WS-X6K-SUP1A-MSFC	WS-G5484	—	Please see release notes for details	Please see release notes for details
WS-X6K-SUP1A-MSFC2	WS-G5486			
WS-X6K-SUP1A-PFC	WS-G5487			
WS-X6K-SUP2U-MSFC2				
WS-X6K-S2-PFC2	CWDM GBIC	—	12.1(13)E	7.2
WS-X6K-SUP2-MSFC2	WS-G5483	—	12.1(13)E	7.2
WS-X6K-SUP2U-PFC2				
WS-X6408-GBIC	WS-G5484	—	Please see release notes for details	Please see release notes for details
WS-X6408A-GBIC	WS-G5486			
WS-X6416-GBIC	WS-G5487			
WS-X6516-GBIC				
WS-X6816-GBIC	CWDM GBIC	—	12.1(13)E	7.2
	DWDM GBIC	—	12.2(17a)SX	8.3.1
WS-X6516A-GBIC	WS-G5483	—	12.1(19)E1	7.5.1
	WS-G5484	—	Please see release notes for details	Please see release notes for details
	WS-G5486			
	WS-G5487			
	CWDM GBIC	—	12.1(19)E1	7.5.1
	DWDM GBIC	—	12.2(17a)SX	8.3.1
WS-SUP720	GLC-T(1000BASE-T)	—	12.2(17a)SX	8.3.1
	GLC-TE			
	GLC-SX-MM	—	12.2(14)SX	8.1(1)
	GLC-LH-SM	—	12.2(14)SX	8.1.1
	GLC-ZX-SM	—	12.2(17a)SX	8.1.1
	GLC-BX-D	—	12.2(17d)SXB1	8.2
	GLC-BX-U	12.2(18)SXE1	12.2(18)SXE1	8.4.1
	CWDM SFP	12.2(18)SXE1	12.2(18)SXE1	8.4.1
	DWDM SFP ²	12.2(18)SXE	12.2(17a)SX	8.3.1

² Does not include support for the DWDM SFP transceivers (8 additional wavelengths). See Gigabit Ethernet Transceiver Models for specific model numbers.

Network Device	Transceiver Module	Minimum Software Release Required		
		DOM Support	Cisco IOS Release	Catalyst OS
	GLC-SX-MMD	12.2(33)SXH	15.1(3)S	—
	GLC-LH-SMD	—	15.1(3)S	—
	GLC-EX-SMD	—	15.2(1)S	—
	GLC-ZX-SMD	—	15.2(1)S	—
	GLC-TE	—	15.1(3)S	—
	GLC-TE	—	15.1(3)S	—
WS-SUP720-3B WS-SUP720-3BXL	GLC-T (1000BASE-T) GLC-TE	—	12.2(17d)SXB1	8.3.2
	GLC-SX-MM	—	12.2(14)SX	8.1(1)
	GLC-LH-SM	—	12.2(17d)SXB1	8.3.2
	GLC-ZX-SM	—	12.2(17d)SXB1	8.3.2
	GLC-BX-D	—	12.2(17d)SXB1	8.3.2
	GLC-BX-U	12.2(18)SXE1	12.2(18)SXE1	8.4.1
	CWDM SFP	12.2(18)SXE1	12.2(18)SXE1	8.4.1
	DWDM SFP ²	12.2(18)SXE	12.2(17d)SXB1	8.3.2
	GLC-SX-MMD	12.2(33)SXH	15.1(3)S	—
	GLC-LH-SMD	—	15.1(3)S	—
	GLC-EX-SMD	—	15.2(1)S	—
	GLC-ZX-SMD	—	15.2(1)S	—
	GLC-TE	—	15.1(3)S	—
	GLC-TE	—	15.1(3)S	—
WS-SUP32-GE-3B WS-SUP32-10GE-3B	GLC-T (1000BASE-T) GLC-TE	—	12.2(18)SXF	8.4(1)
	GLC-SX-MM	—	12.2(14)SX	8.1(1)
	GLC-LH-SM	—	12.2(18)SXF	8.4(1)
	GLC-ZX-SM	—	12.2(18)SXF	8.4(1)
	GLC-BX-D	—	12.2(18)SXF	8.4(1)
	GLC-BX-U	12.2(18)SXF	12.2(18)SXF	8.4(1)
	CWDM SFP	12.2(18)SXF	12.2(18)SXF	8.4(1)

Network Device	Transceiver Module	Minimum Software Release Required		
		DOM Support	Cisco IOS Release	Catalyst OS
	DWDM SFP ²	12.2(18)SXF	12.2(18)SXF	8.4(1)
	GLC-SX-MMD	12.2(33)SXH	12.2(33)SXH	—
	GLC-LH-SMD	—	12.2(18)SXF	—
	GLC-ZX-SMD	—	12.2(18)SXF	—
WS-SUP32-GE-PISA	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP ² GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.2(18)ZY	—
VS-S720-10G-3C VS-S720-10G-3CXL	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-LH-SMD GLC-ZX-SMD	—	12.2(33)SXH	—
	GLC-BX-U CWDM SFP DWDM SFP ² GLC-SX-MMD	12.2(33)SXH		
WS-X6724-SFP WS-X6748-SFP	GLC-T (1000BASE-T) GLC-TE DWDM SFP ²	—	12.2(17a)SX	8.3.1
	GLC-SX-MM GLC-LH-SM		12.2(14)SX	8.1.1
	GLC-ZX-SM		12.2(17a)SX	8.1.1
	GLC-BX-D		12.2(17d)SXB1	8.2
	GLC-BX-U CWDM SFP		12.2(18)SXE1	8.4.1
	GLC-SX-MMD		15.1(2)S	—
	GLC-LH-SMD		15.1(2)S	—

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6500 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required		
		DOM Support	Cisco IOS Release	Catalyst OS
13.3	GLC-EX-SMD		15.1(2)S	—
	GLC-ZX-SMD		15.1(2)S	—
	GLC-TE		15.1(2)S	—
	VS-S2T-10G	GLC-T (1000BASE-T)	12.2(50)SY	—
	VS-S2T-10G-XL	GLC-TE		
	WS-X6824-SFP-2T	GLC-SX-MM		
	WS-X6824-SFP-2TXL	GLC-LH-SM		
	WS-X6848-SFP-2T	GLC-ZX-SM		
	WS-X6848-SFP-2TXL	GLC-BX-D		
		GLC-BX-U		
13.3		CWDM-SFP		
		DWDM-SFP ²		
	GLC-SX-MMD			
	GLC-LH-SMD			
	GLC-ZX-SMD			
	WS-X6904-40G-2T	GLC-T (1000BASE-T)	15.1(1)SY	—
	WS-X6904-40G-2TXL	GLC-TE		
		GLC-SX-MM		
		GLC-LH-SM		
		GLC-ZX-SM		
		GLC-BX-D		
		GLC-BX-U		
		CWDM-SFP		
		DWDM-SFP ²		
		GLC-SX-MMD		
	C6800-SUP6T	GLC-T	15.3(1)SY	15.3(1)SY
	C6800-SUP6T-XL	GLC-TE		
		GLC-SX-MM		
		GLC-LH-SM		
		GLC-ZX-SM		
		GLC-SX-MMD		
		GLC-LH-SMD		
		GLC-EX-SMD		
		GLC-ZX-SMD		
		GLC-BX-U		
		GLC-BX-D		
		CWDM-SFP		
		DWDM-SFP		

Catalyst 6800 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
C6800IA-48FPD C6800IA-48TD	GLC-BX-D GLC-BX-U GLC-LH-SMD GLC-SX-MMD GLC-T GLC-TE GLC-SX-MM	15.1(2)SY2	15.1(2)SY2
	GLC-EX-SMD GLC-ZX-SMD GLC-ZX-SM GLC-LH-SM SLC-SX-MM DWDM-SFP CWDM-SFP	15.2(1)SY	15.2(1)SY
C6800IA-48FPDR	GLC-BX-D GLC-BX-U GLC-LH-SMD GLC-SX-MMD GLC-T GLC-TE GLC-SX-MM	15.1(2)SY3	15.1(2)SY3
	GLC-EX-SMD GLC-ZX-SMD GLC-ZX-SM GLC-LH-SM SLC-SX-MM DWDM-SFP CWDM-SFP	15.2(1)SY	15.2(1)SY
C6880-X	GLC-LH-SMD GLC-SX-MMD GLC-EX-SMD GLC-ZX-SMD GLC-T GLC-TE GLC-ZX-SM GLC-LH-SM GLC-SX-MM GLC-BX-D GLC-BX-U CWDM-SFP DWDM SFP	15.1(2)SY1	15.1(2)SY1
C6800-32P10G(-XL) C6800-16P10G(-XL) C6800-8P10G(-XL)	GLC-LH-SMD GLC-SX-MMD GLC-EX-SMD GLC-ZX-SMD GLC-T GLC-TE	15.2(1)SY	15.2(1)SY

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
	GLC-ZX-SM GLC-LH-SM GLC-SX-MM GLC-BX-D GLC-BX-U CWDM-SFP DWDM-SFP		
C6800-48P-SFP C6800-48P-SFP-XL	GLC-T (1000BASE-T) — GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-BX-U CWDM-SFP DWDM-SFP2 GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD		15.2(1)SY
C6816-X-LE C6824-X-LE-40G C6832-X-LE C6840-X-LE-40G	GLC-LH-SMD GLC-SX-MMD GLC-EX-SMD GLC-ZX-SMD GLC-T GLC-TE GLC-BX-D GLC-BX-U DWDM-SFP	15.2(2)SY	15.2(2)SY
C6800-SUP6T C6800-SUP6T-XL	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D CWDM-SFP DWDM-SFP	15.3(1)SY	15.3(1)SY

Data Center and Blade Switching Support

[Cisco Catalyst 2350 Series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM support	Software Release

[Cisco Catalyst 2350 Series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM support	Software Release
2350-48TD-S 2350-48TD-SD (with CVR-X2-SFP TwinGig converter)	GLC-T GLC-TE GLC-SX-MM GLC-SX-MMD	—	Cisco IOS 12.2(46)EY

[Cisco Catalyst 2360 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
2360-48TD-S	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	Cisco IOS 12.2(53)EY

[Cisco Catalyst 3000 and 3100 Blade Switches](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-CBS3020-HPQ	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	Cisco IOS 12.2(35)SE
WS-CBS3030-DEL WS-CBS3040-FSC	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-SX-MMD	—	Cisco IOS 12.2(35)SE
WS-CBS-3120G-S WS-CBS-3130G-S (with CVR-X2-SFP TwinGig converter)	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	Cisco IOS 12.2(40)EX1

[Cisco Catalyst 3000 and 3100 Blade Switches](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-CBS3032-DEL (with CVR-X2-SFP TwinGig converter)	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	Cisco IOS 12.2(40)EX1
WS-CBS3110X-S (with CVR-X2-SFP TwinGig converter)	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	Cisco IOS 12.2(52)SE

[Cisco Nexus 2000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N2K-C2232PP-10GE	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	NX-OS 4.2(1)N2(1)
N2K-C2348UPQ	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD		NX-OS 7.0(3)N1(1)

[Cisco Nexus 3000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3064PQ-10GX (Native SFP+ ports)	GLC-T SFP-GE-T GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	When supported by transceiver module	NX-OS 5.0(3)U3(1)

[Cisco Nexus 3000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX-U GLC-BX-D		NX-OS 5.0(3)U5(1)
	GLC-EX-SMD GLC-ZX-SMD		NX-OS 6.0(2)U1(a)
	GLC-TE		NX-OS 6.0(2)U3(1)
N3K-C3064PQ-10GE (Native SFP+ ports)	GLC-T SFP-GE-T GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	When supported by transceiver module	NX-OS 5.0(3)U1(2)
	GLC-BX-U GLC-BX-D		NX-OS 5.0(3)U5(1)
	GLC-EX-SMD GLC-ZX-SMD		NX-OS 6.0(2)U1(a)
	GLC-TE		NX-OS 6.0(2)U3(1)
N3K-C3064PQ-10GX N3K-C3064PQ-10GE (QSFP ports with QSA adapter)	GLC-T SFP-GE-T GLC-TE	—	NX-OS 6.0(2)U3(1)
N3K-C3048TP-1GE	GLC-T SFP-GE-T GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	When supported by transceiver module	NX-OS 5.0(3)U2(2b)
	GLC-BX-U GLC-BX-D	—	NX-OS 5.0(3)U5(1)
	GLC-EX-SMD GLC-ZX-SMD	—	NX-OS 6.0(2)U1(a)
	GLC-TE	—	NX-OS 6.0(2)U3(1)

[Cisco Nexus 3100 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3132Q-40GE (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	When supported by transceiver module	NX-OS 6.0(2)U4(1)
N3K-C3132Q-40GE (QSFP ports with QSA adapter)	GLC-T GLC-TE SFP-GE-T GLC-SX-MMD GLC-LH-SMD	When supported by transceiver module	NX-OS 6.0(2)U3(1)
N3K-C3132Q-40GX (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	When supported by transceiver module	NX-OS 6.0(2)U4(1)
N3K-C3132Q-40GX (QSFP ports with QSA adapter)	GLC-T GLC-TE SFP-GE-T GLC-SX-MMD GLC-LH-SMD	When supported by transceiver module	NX-OS 6.0(2)U4(1)
N3K-C3132Q-XL (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	When supported by transceiver module	NXOS 7.0(3)I2(2)

[Cisco Nexus 3100 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3132Q-XL (QSFP ports with QSA adapter)	GLC-T GLC-TE SFP-GE-T GLC-SX-MMD GLC-LH-SMD	When supported by transceiver module	NXOS 7.0(3)I2(2)
N3K-C3132Q-V (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	When supported by transceiver module	NX-OS 7.0(3)I4(1)
N3K-C3132Q-V (QSFP ports with QSA adapter)	GLC-T GLC-TE SFP-GE-T GLC-SX-MMD GLC-LH-SMD	When supported by transceiver module	NX-OS 7.0(3)I4(1)
N3K-C3172PQ-10GE (Native SFP+ ports)	GLC-T SFP-GE-T GLC-TE GLC-SX-MMD	When supported by transceiver module	NX-OS 6.0(2)U3(1)
	GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D		NX-OS 6.0(2)U4(1)
N3K-C3172PQ-10GE (QSFP ports with QSA adapter)	GLC-T SFP-GE-T	When supported by transceiver module	NX-OS 6.0(2)U3(1)
	GLC-TE GLC-SX-MMD GLC-LH-SMD		NX-OS 7.0(3)I2(1a)
N3K-C3172TQ-10GT (QSFP ports with QSA adapter)	GLC-T	When supported by transceiver module	NX-OS 6.0(2)U3(1)

[Cisco Nexus 3100 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-TE SFP-GE-T GLC-SX-MMD GLC-LH-SMD		NX-OS 7.0(3)I2(1a)
N3K-C3172PQ-XL (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	When supported by transceiver module	NXOS 7.0(3)I2(2)
N3K-C3172PQ-XL N3K-C3172TQ-XL (QSFP ports with QSA adapter)	GLC-T GLC-TE SFP-GE-T GLC-SX-MMD GLC-LH-SMD	When supported by transceiver module	NXOS 7.0(3)I2(2)
N3K-C31108PC-V (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	When supported by transceiver module	NXOS 7.0(3)I4(1)
N3K-C31128PQ-10GE (Native SFP+ ports)	GLC-SX-MM GLC-LH-SM SFP-GE-T GLC-SX-MMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	When supported by transceiver module	NX-OS 7.0(3)I2(1a)
	GLC-LH-SMD GLC-T GLC-TE		NX-OS 7.0(3)I4(1)

[Cisco Nexus 3200 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3264Q N3K-C3232C (Native SFP+ Ports)	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-T SFP-GE-T	When supported by transceiver module	NX-OS 7.0(3)IX1(2)

[Cisco Nexus 3500 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3548P-10G N3K-C3524P-10G	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD	When supported by transceiver module	NX-OS 5.0(3)A1(1)
	GLC-T		NX-OS 6.0(2)A1(1)
	GLC-TE GLC-EX-SMD GLC-ZX-SMD		NX-OS 6.0(2)A3(1)
N3K-C3548P-10GX N3K-C3524P-10GX	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-T GLC-TE GLC-EX-SMD GLC-ZX-SMD	When supported by transceiver module	NX-OS 6.0(3)A6(1)

[Cisco Nexus 4000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N4K-4001I-XPX	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	—

[Cisco Nexus 5000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N5K-C5010P-BF N5K-C5020P-BF	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM SFP-GE-T (1000BASE-T)	—	NX-OS 4.1(2)E1(1)
	SFP-GE-S SFP-GE-L GLC-SX-MMD GLC-LH-SMD	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
N5K-C5548P-FA N5K-C5548UP-FA N5KC5596UP-FA N55-M16P N55-M8P8FP N55-M16UP	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM SFP-GE-T (1000BASE-T)	—	NX-OS 4.0(1a)N1(1)
	DS-CWDM4G1470 DS-CWDM4G1490 DS-CWDM4G1510 DS-CWDM4G1530	—	NX-OS 5.0(3)N1(1B)
	SFP-GE-S SFP-GE-L GLC-SX-MMD GLC-LH-SMD	NX-OS 5.0(3)N1(1B)	NX-OS 5.1(3)N2
N5K-5672UP N5K-56128P N5K-5672UP-16G	GLC-TE	NX-OS 7.0(1) N1 (1)	NX-OS 7.0(1) N1 (1)

[Cisco Unified Computing System](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N10-S6100	SFP-GE-S	UCS Manager v1.3	NX-OS 5.0(3)N1(1B)
N10-S6200	SFP-GE-L		
N10-E0440	GLC-SX-MMD		
N10-E0600	GLC-LH-SMD		
N20-I6584	GLC-SX-MM	—	UCS Manager v1.3
	GLC-LH-SM		
	GLC-T (1000BASE-T)		
	GLC-TE		
	SFP-GE-T (1000BASE-T)		
UCS-FI-6248UP	SFP-GE-S	UCS Manager v2.0(1)	UCS Manager v1.3
UCS-FI-E16UP	SFP-GE-L		
UCS-IOM-2208XP	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-SX-MM	—	UCS Manager v2.0(1)
	GLC-LH-SM		
	GLC-T (1000BASE-T)		
	GLC-TE		
	SFP-GE-T (1000BASE-T)		

[Cisco Nexus 7000 Series](#)

		Minimum Software Release Required	
Network Device	Transceiver Model	DOM Support	Software Release
N7K-M148GS-11	SFP-GE-S	NX-OS 4.1(2)	UCS Manager v2.0(1) NX-OS 4.1(2)
	GLC-SX-MMD		
	SFP-GE-L		
	GLC-LH-SMD		
	SFP-GE-Z		
	GLC-SX-MM	—	
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-T (1000BASE-T)	—	NX-OS 4.2(1)
	GLC-TE		NX-OS 4.2(1)
SFP-GE-T (1000BASE-T)			
CWDM SFP			
DWDM SFP	NX-OS 4.2(1)		

[Cisco Nexus 7000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX-D GLC-BX-U	NX-OS 5.2(1)	NX-OS 5.2(1)
	GLC-EX-SMD GLC-ZX-SMD	NX-OS 6.2(2)	NX-OS 5.2(1)
N7K-M148GS-11L	SFP-GE-S GLC-SX-MMD SFP-GE-L GLC-LH-SMD SFP-GE-Z CWDM SFP DWDM SFP	NX-OS 5.0(2a)	NX-OS 6.2(2) NX-OS 5.0(2a)
	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-T (1000BASE-T) GLC-TE SFP-GE-T (1000BASE-T)	—	
	GLC-BX-D GLC-BX-U	NX-OS 5.2(1)	NX-OS 5.2(1)
	GLC-EX-SMD GLC-ZX-SMD	NX-OS 6.2(2)	NX-OS 5.2(1)
N7K-F132XP-15	SFP-GE-S GLC-SX-MMD SFP-GE-L GLC-LH-SMD SFP-GE-Z	NX-OS 5.1(1)	NX-OS 6.2(2) NX-OS 5.1(1)
	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-T (1000BASE-T) GLC-TE SFP-GE-T (1000BASE-T)	—	
	GLC-ZX-SMD	NX-OS 6.2(2)	NX-OS 6.2(2)
	GLC-T (1000BASE-T) GLC-TE SFP-GE-T (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	NX-OS 6.2(2)

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD SFP-GE-S GLC-LH-SMD SFP-GE-L SFP-GE-Z GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	NX-OS 6.0	NX-OS 6.0
	GLC-ZX-SMD	NX-OS 6.2(2)	NX-OS 6.0
N7K-F248XP-25E	GLC-T (1000BASE-T) GLC-TE SFP-GE-T(1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	NX-OS 6.2(2)
	GLC-SX-MMD SFP-GE-S GLC-LH-SMD SFP-GE-L SFP-GE-Z GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	NX-OS 6.1(2)	NX-OS 6.1(2)
	GLC-ZX-SMD	NX-OS 6.2(2)	NX-OS 6.1(2)
	GLC-SX-MM SFP-GE-S GLC-SX-MMD GLC-LH-SM SFP-GE-L GLC-LH-SMD GLC-EX-SMD GLC-ZX-SM SFP-GE-Z GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP	NX-OS 6.2(8)	NX-OS 6.2(2) NX-OS 6.2(8)
N77-F348XP-23	GLC-T SFP-GE-T	—	

[Cisco Nexus 7000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-TE	—	NX-OS 6.2(10)

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

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-X9564PX	GLC-SX-MM GLC-LH-SM GLC-T (1000BASE-T) GLC-TE	—	NX-OS 6.1(2)I2(1)
	GLC-SX-MMD GLC-LH-SMD	6.1(2)I2(1)	6.1(2)I2(1)
	SFP-GE-T	—	6.1(2)I2(1)
	GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I GLC-GE-T SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD	—	7.0(3)I3(1)
	GLC-BX40-D-I GLC-BX40-U-I	—	7.0(3)I1(2)
N9K-X9464PX	GLC-SX-MM GLC-LH-SM GLC-T (1000BASE-T) GLC-TE	—	6.1(2)I2(2a)
	GLC-SX-MMD GLC-LH-SMD	6.1(2)I2(2a)	6.1(2)I2(2a)
	SFP-GE-T	—	6.1(2)I3(1)
	GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I GLC-GE-T	—	7.0(3)I3(1)

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

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD		
	GLC-BX40-D-I GLC-BX40-U-I	—	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	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE	—	6.1(2)I2(1)
	GLC-SX-MMD GLC-LH-SMD	6.1(2)I2(1)	6.1(2)I2(1)
	SFP-GE-T	—	6.1(2)I3(1)
	GLC-LH-SM	—	6.1(2)I3(3a)
	GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I GLC-GE-T SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD	—	7.0(3)I3(1)
	GLC-BX40-D-I GLC-BX40-U-I	—	7.0(3)I3(2)
N9K-C9372PX	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE SFP-GE-T	—	6.1(2)I3(1)
	GLC-SX-MMD GLC-LH-SMD	6.1(2)I3(1)	6.1(2)I3(1)

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

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-LH-SM	—	6.1(2)I3(3a)
	GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I GLC-GE-T SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD	—	7.0(3)I3(1)
	GLC-BX40-D-I GLC-BX40-U-I	—	7.0(3)I1(2)
N9K-C9372PX-E	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE SFP-GE-T GLC-LH-SM GLC-BX40-D-I GLC-BX40-U-I	—	7.0(3)I2(1)
	GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I GLC-GE-T SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD	—	7.0(3)I3(1)
	GLC-SX-MMD GLC-LH-SMD	7.0(3)I2(1)	7.0(3)I2(1)
N9K-C93180YC-EX	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE SFP-GE-T GLC-LH-SM GLC-ZX-SMD GLC-GE-T GLC-BX-U GLC-BX-D	—	NX-OS 703I4.2
	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD	NX-OS 703I4.2	NX-OS 703I4.2

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

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-C92160YC-X	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE SFP-GE-T GLC-LH-SM GLC-ZX-SMD GLC-GE-T	—	7.0(3)I2(1)
	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD	7.0(3)I3(1)	7.0(3)I3(1)

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

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-C9396PX	GLC-T (1000BASE-T) GLC-TE GLC-SX-MMD	—	ACI-N9KDK9-11.0
	GLC-SX-MM SFP-GE-T GLC-LH-SMD	—	ACI-N9KDK9-11.0(2j)
	GLC-EX-SMD GLC-LH-SM	—	ACI-N9KDK9-11.0(3f)
N9K-C9372PX	GLC-T (1000BASE-T) GLC-TE GLC-SX-MMD GLC-SX-MM SFP-GE-T GLC-LH-SMD GLC-LH-SM GLC-EX-SMD	—	ACI-N9KDK9-11.0(3f)
N9K-C9372PX-E	GLC-T (1000BASE-T) GLC-TE GLC-SX-MMD GLC-SX-MM	—	ACI-N9KDK9-11.0(3f)

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

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-T GLC-LH-SMD GLC-LH-SM GLC-EX-SMD		
N9K-C93180YC-EX	GLC-T (1000BASE-T) — GLC-TE GLC-SX-MMD GLC-SX-MM SFP-GE-T GLC-LH-SMD GLC-LH-SM GLC-EX-SMD		ACI-N9KDK9-11.3

[Cisco CSS 11500 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
CSS11506-2AC CSS11506-2DC CSS11503-AC CSS11503-DC CSS11501 CSS5-SCM-2GE CSS5-IOM-2GE	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM	—	ACI-N9KDK9-11.1(2h)

[Cisco MDS 9000 series](#): Please refer to the [data sheet](#).

Router Support

[Cisco 892F series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
CISCO892F-K9	GLC-SX-MM	—	15.1(2)T
CISCO892FW-K9	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

[Cisco 1921 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
HWIC-1GE-SFP	GLC-T	—	15.0(1)M2
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
EHWIC-1GE-SFP-CU	GLC-T	—	15.1(4)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

Cisco 1941 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
HWIC-1GE-SFP	GLC-T	—	15.0(1)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
EHWIC-1GE-SFP-CU	GLC-T	—	15.1(4)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

Cisco 2600 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NM-1GE	WS-G5483	—	12.2(11)YT
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
	GLC-ZX-SMD		
NME-XD-24ES-1S-P	GLC-T	—	12.2(25)EZ
NME-XD-48ES-2S-P	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

[Cisco 2800 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NME-XD-24ES-1S-P	GLC-T	—	12.2(25)EZ
NME-XD-48ES-2S-P	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
HWIC-1GE-SFP	GLC-T	—	12.3(8)T4
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

[Cisco 2900 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
Cisco 2921	GLC-SX-MM	—	15.0(1)M
Cisco 2951	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-U		
	GLC-BX-D		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
HWIC-1GE-SFP	GLC-T	—	15.0(1)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

[Cisco 2900 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
SM-D-ES3G-48-P SM-D-ES3-48-P SM-D-ES2-48	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-U GLC-BX-D CWDM SFP DWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	15.0(1)M
EHWIC-1GE-SFP-CU	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	15.1(4)M

[Cisco 3200 Series Rugged Routers](#)[Cisco 3600 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
Cisco 3270	GLC-SX-MM-RGD GLC-LX-SM-RGD	—	12.4(6)XE
NM-1GE	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	—	12.2(11)YT

[Cisco 3700 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NM-1GE	WS-G5483	—	12.2(11)YT
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
NME-XD-24ES-1S-P NME-XD-48ES-2S-P	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(25)EZ

[Cisco 3800 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NM-1GE	WS-G5483	—	12.2(11)YT
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
NME-XD-24ES-1S-P NME-XD-48ES-2S-P	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.2(25)EZ
HWIC-1GE-SFP	GLC-T	—	12.3(8)T4
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
Cisco 3825	GLC-SX-MM	—	12.3(11)T
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

Cisco 3800 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
Cisco 3845	GLC-SX-MM	—	12.3(11)T
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

Cisco 3900 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
Cisco 3925	GLC-SX-MM	—	15.0(1)M
Cisco 3945	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-U		
	GLC-BX-D		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
HWIC-1GE-SFP	GLC-T	—	15.0(1)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
SM-D-ES3G-48-P	GLC-T	—	15.0(1)M
SM-D-ES3-48-P	GLC-TE		
SM-D-ES2-48	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-U		
	GLC-BX-D		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

Cisco 3900 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
EHWIC-1GE-SFP-CU	GLC-T	—	15.1(4)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

Cisco 4400 Series Router

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

Cisco 6400 Universal Access Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
C6400-NRP-2SV	WS-G5484	—	12.2(2)B6
	WS-G5486		
	WS-G5487		

Cisco 7200 Series Router

The Cisco 7200 series router supports multiple parallel release branches. Where several releases are grouped together, they provide support for all transceivers in the corresponding group.

		Minimum Software Release Required	
Network Device	Transceiver Model	DOM Support	Software Release
NPE-G1	WS-G5484	—	12.0(28)S
	WS-G5486		12.1(14)E
	WS-G5487		12.2(15)B
	CWDM GBIC		12.2(4)BW
			12.2(14)S
			12.2(14)SU
			12.2(15)T9
Cisco 7201	GLC-SX-MM	—	12.2(33)SRC2
	GLC-SX-MMD		12.4(15)T7
			12.4(20)T1
	SFP-GE-T	—	12.2(33)SRC2
			12.4(15)T7

[Cisco 7200 Series Router](#)

The Cisco 7200 series router supports multiple parallel release branches. Where several releases are grouped together, they provide support for all transceivers in the corresponding group.

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-S	—	12.2(31)SB2
	SFP-GE-L		12.2(33)SRC2
	GLC-LH-SMD		12.4(15)T7
	SFP-GE-Z		
	CWDM SFP		
NPE-G2	GLC-SX-MM	—	12.2(33)SRC2
	GLC-SX-MMD		12.4(15)T7
			12.4(20)T1
	SFP-GE-S		12.2(31)SB2
	SFP-GE-L		12.2(33)SRC2
	GLC-LH-SMD	—	12.4(15)T7
	SFP-GE-Z		
	CWDM SFP		
C7200-I/O-GE+E	WS-G5484	—	12.0(14)S2
	WS-G5486		12.1(3a)E5
	WS-G5487		12.1(5)T1
PA-GE	WS-G5484	—	12.0(7)S
	WS-G5486		12.0(6)T
	WS-G5487		12.1(1)E

[Cisco uBR7200 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
uBR7200-NPE-G1	WS-G5484	—	12.2(11)CX
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
uBR7200-NPE-G2	GLC-SX-MMD	12.2SB	12.2SB
	GLC-LH-SMD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	CWDM SFP		

[Cisco 7300 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
CISCO7301	GLC-T (1000BASE-T)	—	12.2(18)S1
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
7300-NSE-100	WS-G5484 WS-G5486 WS-G5487	—	12.2(20)S
	WS-G5483 CWDM GBIC	—	12.2(28)SB
7304-NPE-G100	GLC-SX-MM	—	12.2(20)S
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
7300-NSE-150	GLC-T	—	12.2(31)SB2
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD	12.2(31)SB2	12.2(31)SB2
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	CWDM SFP		

[Cisco 7500 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
GEIP GEIP+	WS-G5484 WS-G5486 WS-G5487	—	Please see release notes

Cisco 7600 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
OSM-1CHOC12/T1-SI	WS-G5484	—	Please see release notes
OSM-1CHOC12/T3-SI	WS-G5486		
OSM-2OC12-ATM-MM	WS-G5487		
OSM-2OC12-ATM-SI	CWDM GBIC		
OSM-2OC12-ATM-MM+			
OSM-2OC12-ATM-SI+			
OSM-4OC3-POS-SI			
OSM-4OC3-POS-SI+			
OSM-4OC12-POS-SI			
OSM-4OC12-POS-SI+			
OSM-8OC3-POS-MM			
OSM-8OC3-POS-SI			
OSM-8OC3-POS-SL			
OSM-8OC3-POS-SL+			
OSM-8OC3-POS-SI+			
OSM-16OC3-POS-MM			
OSM-16OC3-POS-SI			
OSM-16OC3-POS-SL			
OSM-16OC3-POS-SI+			
OSM-2OC12-POS-MM			
OSM-2OC12-POS-SI			
OSM-2OC12-POS-SL			
OSM-2OC12-POS-SI+			
OSM-2OC12-POS-MM+			
OSM4OC12-POS-MM			
OSM4OC12-POS-SI			
OSM4OC12-POS-SL			
OSM4OC12-POS-SI+			
OSM-1OC48-POS-SI			
OSM-1OC48-POS-SL			
OSM-1OC48-POS-SS			
OSM-1OC48-POS-SS+			
OSM-10C48-POS-SI+			
OSM-1OC48-POS-SL+			
OSM-2OC48/1DPT-SS			
OSM-2OC48/1DPT-SI			
OSM-2OC48/1DPT-SL			
OSM-2+4GE-WAN+			
OSM-4GE-WAN-GBIC			
WS-SUP720	GLC-T (1000BASE-T)	—	15.1(3)S
WS-SUP720-3B	GLC-SX-MM		
WS-SUP720-3BXL	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD	—	15.1(3)S
	GLC-LH-SMD		
	GLC-TE		
	GLC-EX-SMD	—	15.2(1)S
	GLC-ZX-SMD		
	CWDM SFP	12.2(33)SRA	12.2(33)SRA

[Cisco 7600 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-SUP32-GE-3B	GLC-T (1000BASE-T)	—	12.2(33)SRA
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-BX-D	12.2(33)SRA	12.2(33)SRA
	GLC-BX-U		
	CWDM SFP	12.2(33)SRB	12.2(33)SRB
	DWDM SFP	12.2(33)SRE	12.2(33)SRE
WS-X6724-SFP	GLC-T (1000BASE-T)	—	15.1(2)S
WS-X6748-SFP	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD	—	15.1(2)S
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-TE		
	SFP-GE-T (1000BASE-T)	—	12.2(33)SRB
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP	—	12.2(33)SRE
RSP720-3C-GE	GLC-T (1000BASE-T)	—	15.1(3)S
RSP720-3CXL-GE	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD	12.2(33)SRE1	15.1(3)S
	GLC-LH-SMD		
	GLC-TE		
	GLC-EX-SMD	12.2(33)SRE1	15.2(1)S
	GLC-ZX-SMD		
	SFP-GE-T (1000BASE-T)	—	12.2(33)SRE1

Cisco 7600 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX-D	12.2(33)SRE1	12.2(33)SRE1
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
RSP720-10GE	GLC-T (1000BASE-T)	—	12.2(33)SRC
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	SFP-GE-T (1000BASE-T)		
	GLC-BX-D	12.2(33)SRC	12.2(33)SRC
	GLC-BX-U		
	SFP-GE-S		
	SFP-GE-L		
	GLC-SX-MMD	—	15.1(3)S
	GLC-LH-SMD		
	GLC-TE		
7600-ES20-GE3CXL 7600-ES20-GE3C	GLC-EX-SMD	—	15.2(1)S
	GLC-ZX-SMD		
	CWDM SFP	12.2(33)SRE1	12.2(33)SRE1
	DWDM SFP		
	SFP-GE-S	12.2(33)SRB	12.2(33)SRB
	SFP-GE-L		
	SFP-GE-Z		
	GLC-SX-MMD		15.1(2)S
	GLC-LH-SMD		
	GLC-ZX-SMD		
	CWDM SFP	12.2(33)SRB3	12.2(33)SRB3
	SFP-GE-T	—	
7600-ES+20G3C 7600-ES+20G3CXL 7600-ES+40G3C 7600-ES+40G3CXL	GLC-BX-D	12.2(33)SRD	12.2(33)SRD
	GLC-BX-U		
	DWDM SFP		
	DWDM SFP (add.)	12.2(33)SRE	12.2(33)SRE
	SFP-GE-T	—	12.2(33)SRD
	SFP-GE-S	12.2(33)SRD	12.2(33)SRD
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		

[Cisco 7600 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
76-ES+T-20G 76-ES+T-40G	GLC-SX-MMD GLC-LH-SMD GLC-TE	—	15.1(2)S
	GLC-EX-SMD GLC-ZX-SMD	—	15.2(1)S
	DWDM SFP (add.)	12.2(33)SRE	12.2(33)SRE
	SFP-GE-S SFP-GE-L SFP-GE-Z GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(33)SRD3	12.2(33)SRD3
	SFP-GE-T	—	
	GLC-SX-MMD GLC-LH-SMD GLC-TE	—	15.1(2)S
	GLC-EX-SMD GLC-ZX-SMD	—	15.2(1)S
	DWDM SFP (add.)	12.2(33)SRE	12.2(33)SRE
	SFP-GE-T	—	12.2(33)SRE
	SFP-GE-S SFP-GE-L SFP-GE-Z GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(33)SRE	12.2(33)SRE
76-ES+XC-20G3C 76-ES+XC-20G3CXL 76-ES+XC-40G3C 76-ES+XC-40G3CXL	GLC-SX-MMD GLC-LH-SMD GLC-TE	—	15.1(2)S
	GLC-EX-SMD GLC-ZX-SMD	—	15.2(1)S
	DWDM SFP (add.)		

[Cisco 10000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ESR-1GE	WS-G5484	—	Please see release notes
	WS-G5486		
	WS-G5487		
ESR-HH-1GE	SFP-GE-T	—	12.0(23)S
	SFP-GE-S	12.0(23)S	12.0(23)S
	SFP-GE-L		
	SFP-GE-Z		

[Cisco uBR10000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
UBR10-1GE	WS-G5484	—	Please see release notes
	WS-G5486		
	WS-G5487		
ESR-HH-1GE	SFP-GE-T	—	12.3(13)BC
	GLC-SX-MMD	12.3(13)BC	12.3(13)BC
	GLC-LH-SMD		
	GLC-ZX-SMD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		

[Cisco RF Gateway Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
RFGW-X4516-10GE	SFP-GE-S	12.2(44)SQ	12.2(44)SQ
	SFP-GE-L		
RFGW-DS48	SFP-GE-T	—	12.2(44)SQ
	SFP-GE-S	12.2(44)SQ	12.2(44)SQ
	SFP-GE-L		

[Cisco 10700 Series Internet Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
10720-GE-FE-TX	SFP-GE-T	—	12.0(27)S
10720-GE-FE-TX-B	SFP-GE-S	12.0(26)S	12.0(26)S
	SFP-GE-L		
	SFP-GE-Z		
	SFP-GE-Z		

[Cisco 10700 Series Internet Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	CWDM SFP	12.0(31)S	12.0(31)S

[Cisco 12000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
10x1GE-SFP-LC-B	GLC-SX-MM GLC-LH-SM	—	12.0(21)S
4GE-SFP-LC	GLC-SX-MM GLC-LH-SM GLC-ZX-SM		12.0(25)S
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD CWDM SFP		12.0(32)S
EPA-3GE-SX/LH-LC	GLC-SX-MM GLC-LH-SM GLC-ZX-SM		12.0(23)S

[Shared Port Adapters \(SPAs\)](#)

Network Device	Transceiver Model	Minimum Software Release Required
SPA-2X1GE SPA-5X1GE SPA-8X1GE SPA-10X1GE SPA-5X1GE-V2 SPA-8X1GE-V2 SPA-10X1GE-V2	SFP-GE-T SFP-GE-S SFP-GE-L SFP-GE-Z CWDM SFP DWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	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.
SPA-2X1GE-V2	SFP-GE-S SFP-GE-L SFP-GE-Z CWDM SFP DWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	

[CRS Router Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
CRS-16-RP	GLC-LH-SM GLC-LH-SMD	—	XR 2.0
CRS-16-RP-B	GLC-LH-SM GLC-LH-SMD	—	XR 3.3
CRS-FCC-SC-22GE	GLC-LH-SM GLC-LH-SMD	—	XR 3.4.1
42-1GE	SFP-GE-T (1000BASE-T)	—	XR 3.8.1
20-1GE-FLEX	SFP-GE-S GLC-SX-MMD SFP-GE-L GLC-LH-SMD SFP-GE-Z	XR 3.8.1	XR 3.8.1
CRS-8-PRP-6G CRS-8-PRP-12G	GLC-LH-SM GLC-LH-SMD	—	XR 4.0.2

[ASR 901 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A901-12C-F-D A901-12-C-FT-D	GLC-T GLC-TE SFP-GE-T GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MM-RGD GLC-LX-SM-RGD	—	15.1(2)SNG
	SFP-GE-S SFP-GE-L SFP-GE-Z	15.1(2)SNI	15.1(2)SNG
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U GLC-EX-SMD CWDM SFP DWDM SFP DWDM SFP (add.)	15.2(2)SNI	15.2(2)SNG

[ASR 901 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A901-4C-F-D	GLC-T	—	15.2(2)SNH1
A901-4C-FT-D	GLC-TE		
A901-6CZ-F-D	SFP-GE-T		
A901-6CZ-FT-D	GLC-SX-MM		
A901-6CZ-F-A	GLC-LH-SM		
A901-6CZ-FT-A	GLC-ZX-SM		
	GLC-SX-MM-RGD		
	GLC-LX-SM-RGD		
	SFP-GE-S	15.2(2)SNH1	15.2(2)SNH1
	SFP-GE-L		
	SFP-GE-Z		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	GLC-EX-SMD		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		

[Cisco ASR 903 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A900-IMA8S	SFP-GE-T	—	XE 3.5.0S
	GLC-SX-MM-RGD		
	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	GLC-BX-D	XE 3.5.0S	XE 3.5.0S
	GLC-BX-U		
	GLC-EX-SMD		
	GLC-SX-MMD	XE 3.6.0S	XE 3.6.0S
	GLC-LH-SMD		
	GLC-ZX-SMD		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		

[ASR 1000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release

ASR 1000 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ASR1001	SFP-GE-T	—	XE 2.1
ASR1002	SFP-GE-S	XE 2.1	XE 2.1
ASR1002-F	SFP-GE-L		
ASR1002-X	SFP-GE-Z		
ASR 1001-X*	CWDM SFP		
ASR 1002-HX**	DWDM SFP		
ASR 1001-HX***	GLC-BX-D GLC-BX-U	XE 2.5	XE 2.5
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	XE 3.4S	XE 3.4S
	GLC-EX-SMD	XE 3.5S	XE 3.5S
	GLC-TE	XE 3.15.0S	XE 3.15.0S
	GLC-BX40-D-I GLC-BX40-DA-I GLC-BX40-U-I GLC-BX80-D-I GLC-BX80-U-I	IOS XE Denali 16.3.1	IOS XE Denali 16.3.1
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.		

*ASR 1001-X supports the above mentioned SFPs from 3.12.0S or 'Minimum Software Release Required' whichever latest.

**ASR 1002-HX supports the above mentioned SFPs from 16.2S or 'Minimum Software Release Required' whichever latest.

***ASR 1001-HX supports the above mentioned SFPs from 16.3S or 'Minimum Software Release Required' whichever latest.

ASR 9000 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A9K-40GE-TR	GLC-SX-MMD	XR 5.2.2	XR 5.2.2
A9K-40GE-SE	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	GLC-GE-100FX		
	CWDM SFP		
	DWDM SFP		
	SFP-GE-T		
A9K-40GE-B	SFP-GE-T (10/100/1000)	—	XR 3.9.0

[ASR 9000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A9K-40GE-E	SFP-GE-S	XR 3.7.3	XR 3.7.3
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)	XR 3.9.0	XR 3.9.0
	GLC-SX-MMD	XR 4.1.1	XR 4.1.1
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
A9K-2T20GE-B	SFP-GE-T (10/100/1000)	—	XR 3.9.0
A9K-2T20GE-E			
A9K-2T20GE-L	SFP-GE-S	XR 3.9.0	XR 3.9.0
A9K-40GE-L	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-SX-MMD	XR 4.1.1	XR 4.1.1
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
A9K-4T16GE-TR	GLC-SX-MMD	XR 5.3.0	XR 5.3.0
A9K-4T16GE-SE	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	GLC-GE-100FX		
	CWDM SFP		
	DWDM SFP		
	SFP-GE-T		

[ASR 9000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A9K-MPA-20X1GE	SFP-GE-T (10/100/1000)	—	XR 4.2.0
	SFP-GE-S	XR 4.2.0	XR 4.2.0
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-BX40-D-I	XR 5.1.2	XR 5.1.2
	GLC-BX40-U-I		
	GLC-BX40-DA-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
	GLC-TE	XR 5.1.2	XR 5.1.2
	GLC-GE-DR-LX		
A9K-RSP440-TR	SFP-GE-T (10/100/1000)	—	XR 4.2.1
A9K-RSP440-SE	SFP-GE-S	XR 4.2.1	XR 4.2.1
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-SX-MMD	XR 4.2.3	XR 4.2.3
	GLC-LH-SMD		
	GLC-EX-SMD	XR 5.2.0	XR 5.2.0
	GLC-ZX-SMD		
	GLC-TE	—	XR 5.2.2
	GLC-GE-DR-LX		

[ASR 9000 Series Router \(EOBC-supported optics\)](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ASR-9001	SFP-GE-S	XR 4.3.0	XR 4.3.0

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Router Support

ASR-9001-S	GLC-SX-MMD GLC-LH-SMD	XR 4.3.0	XR 4.3.0
	GLC-TE GLC-GE-DR-LX	—	XR 5.2.2
	GLC-EX-SMD GLC-ZX-SMD	XR 5.2.0	XR 5.2.0
ASR-9922-RP-SE ASR-9922-RP-TR	SFP-GE-S GLC-SX-MMD GLC-LH-SMD	XR 4.3.1	XR 4.3.1
A9K-RSP440-TR A9K-RSP440-SE	SFP-GE-S GLC-SX-MMD GLC-LH-SMD	XR 4.2.1	XR 4.2.1

[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-GE-T SFP-GE-S SFP-GE-L GLC-BX-D GLC-LH-SM	XR 4.3.0	XR 4.3.0
	GLC-BX-U SFP-GE-Z GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD CWDM SFP	XR 4.3.0	XR 4.3.0
	GLC-BX40-D-I GLC-BX40-U-I GLC-BX80-D-I GLC-BX80-U-I	XR 5.1.1	XR 5.1.1
	GLC-BX40-DA-I GLC-TE GLC-GE-DR-LX	XR 5.2.0 XR 5.2.2	XR 5.2.0 XR 5.2.2
	GLC-T	—	XR 4.2.3
A9KV-V2-AC A9KV-V2-DC-A A9KV-V2-DC-E	SFP-GE-T SFP-GE-S SFP-GE-L GLC-BX-D GLC-LH-SM	XR 4.3.0	XR 4.3.0
	GLC-BX-U SFP-GE-Z GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD	XR 4.3.0	XR 4.3.0

[ASR9000v Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-ZX-SMD CWDM SFP		
	GLC-BX40-D-I GLC-BX40-U-I GLC-BX80-D-I GLC-BX80-U-I	XR 5.1.1	XR 5.1.1
	GLC-BX40-DA-I	XR 5.2.0	XR 5.2.0
	GLC-TE	XR 5.2.2	XR 5.2.2
	GLC-GE-DR-LX		

[Cisco MWR 2941 Mobile Wireless Routers](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
MWR-2941-DC	GLC-SX-MMD GLC-LH-SMD SFP-GE-S SFP-GE-L SFP-GE-Z	12.4(19)MR1	12.4(19)MR1
	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD	—	12.4(19)MR1
	SFP-GE-T	—	12.4(19)MR3 or 12.2(33)MRA
	CWDM SFP DWDM SFP	12.4(19)MR3 or 12.2(33)MRA	12.4(19)MR3 or 12.2(33)MRA
	GLC-BX-D GLC-BX-U	12.2(33)MRB or 12.4(20)MRA	12.2(33)MRB or 12.4(20)MRA
	GLC-EX-SMD	15.1(01)MR	15.1(01)MR

Appliance Support

[ASA5500 Series appliances](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release

SSM-4GE	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	ASA 7.0
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[NAM 2200 Series appliances](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
NAM2204-SFP	GLC-T (1000BASE-T) GLC-TE GLC-SX-MM GLC-LH-SM	—	NAM 4.0

Wireless LAN Controllers Support

[Cisco 5700 WLC Series](#)

Controller or Module	Transceiver Module	Minimum Software Release Required	
		DOM Support	Cisco IOS Release
AIR-CT5760-25-K9	GLC-T (10/100/1000)	XE 3.2.0SE	XE 3.2.0SE
AIR-CT5760-50-K9	GLC-TE		
AIR-CT5760-100-K9	GLC-LH-SM		
AIR-CT5760-250-K9	GLC-LH-SMD		
AIR-CT5760-500-K9	GLC-SX-MM		
AIR-CT5760-1K-K9	GLC-SX-MMD		
AIR-CT5760-HA-K9	GLC-EX-SMD		
	(CPN 10-2624-01 or later only)		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-T		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		

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](#).

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