



# Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

This publication contains information on the Cisco platforms and software releases that support the Gigabit Interface Converter (GBIC) and Gigabit Ethernet Small Form-Factor Pluggable (SFP) transceiver modules. [Table 1](#) lists the Gigabit Ethernet transceiver model numbers and operating wavelengths. [Table 2](#) lists the Cisco platforms that support the transceiver modules and the minimum software requirements.

**Table 1** *Gigabit Ethernet Transceiver Models*

Model Number	Description
WS-G5482=	1000BASE-T GBIC transceiver module for Category 5 copper wire
WS-G5483=	1000BASE-T GBIC transceiver module for Category 5 copper wire
WS-G5484=	1000BASE-SX GBIC transceiver module for Multi mode Fiber (MMF), 850-nanometer (nm) wavelength
WS-G5486=	1000BASE-LX/LH GBIC transceiver module for MMF and SMF, 1300-nm wavelength
WS-G5487=	1000BASE-ZX GBIC transceiver module for Single Mode Fiber (SMF), 1550-nm wavelength
GLC-T=	1000BASE-T SFP transceiver module for Category 5 copper wire



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**Table 1 Gigabit Ethernet Transceiver Models (continued)**

<b>Model Number</b>	<b>Description</b>
GLC-SX-MM=	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength
GLC-LH-SM=	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength
GLC-ZX-SM=	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength
GLC-BX-D=	1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1310-nm RX wavelength
GLC-BX-U=	1000BASE-BX10 SFP module for single-strand SMF, 1310-nm TX/1490-nm RX wavelength
SFP-GE-S=	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, extended operating temperature range and DOM support
SFP-GE-L=	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, extended operating temperature range and DOM support
SFP-GE-Z=	1000BASE-ZX SFP transceiver module SMF, 1550-nm wavelength, extended operating temperature range and DOM support
SFP-GE-T=	1000BASE-T SFP transceiver module for Category 5 copper wire, extended operating temperature range and DOM support

**Table 2 Gigabit Ethernet Transceiver Platform Support**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Catalyst Express 500	WS-CE500-24LC WS-CE500-24PC WS-CE500G-12TC	GLC-SX-MM, -LH, -SM GLC-SX-MM, -LH, -SM GLC-SX-MM, -LH, -SM	— — —	Refer to your software release notes for specific platform support for these transceiver modules.
Cisco ME 2400	ME-2400-24TS-A ME-2400-24TS-D	GLC-T (10/100/1000) GLC-SX-MM, -LH-SM -ZX-SM GLC-BX-D, -BX-U	—	12.2(25)EX
Catalyst 2900 series	WS-C2980G-A  WS-C2948G  WS-C2912MF-XL  WS-C2924M-XL-EN  WS-C2924M-XL-EN-DC	WS-G5483 WS-G5484, G5486, G5487 WS-G5483 WS-G5484, G5486, G5487 WS-G5482 WS-G5483 WS-G5484, G5486, G5487 WS-G5483 WS-G5484, G5486, G5487 WS-G5482 WS-G5483 WS-G5484, G5486, G5487	7.2.1 <sup>1</sup> 7.2 <sup>1</sup> Not supported Not supported <sup>1</sup> Not supported <sup>1</sup> Not supported Not supported <sup>1</sup>	Not supported <sup>1</sup> Not supported <sup>1</sup> 12.0(5)XW 12.0(5)WC3b <sup>1</sup> 12.0(5)WC3b <sup>1</sup> Not supported 12.0(5)WC3b <sup>1</sup>
Catalyst 2900XL	WS-X2931-XL	WS-G5482 WS-G5483 WS-G5484, G5486, G5487	Not supported Not supported <sup>1</sup>	12.0(5)XW 12.0(5)WC3b <sup>1</sup>
Catalyst 2940 series	WS-C2940-8TF-S	GLC-T (1000BASE-T) GLC-SX-MM, -LH-SM	Not supported <sup>1</sup>	12.1(13)AY <sup>1</sup>
Catalyst 2948G	WS-C2948G-GE-TX	GLC-T (1000BASE-T) GLC-SX-MM, -LH-SM, -ZX-SM	8.2(1)GLX <sup>1</sup>	Not supported <sup>1</sup>

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Catalyst 2950 series	WS-C2950G-12-EI	WS-G5483	Not supported	12.1(6)EA2b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C2950G-24-EI	WS-G5483	Not supported	12.1(6)EA2b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C2950G-24-EI-DC	WS-G5483	Not supported	12.1(6)EA2b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C2950G-48-EI	WS-G5483	Not supported	12.1(6)EA2b
WS-G5484, G5486, G5487		<sup>1</sup>	<sup>1</sup>	
WS-C2950ST-8 LRE	GLC-T (1000BASE-T)	Not supported	12.1(19)EA1c	
	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
WS-C2950ST-24 LRE	GLC-T (1000BASE-T)	Not supported	12.1(19)EA1c	
	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
WS-C2950ST-24 LRE997	GLC-T (1000BASE-T)	Not supported	12.1(19)EA1c	
	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
Catalyst 2960 series	WS-C2960-24TC-L	GLC-T (1000BASE-T)	Not supported	12.2(25)FX
		GLC-SX-MM, -LH-SM, -ZX-SM	Not supported	12.2(25)FX
		GLC-BX-D, GLC-BX-U		
	WS-C2960-24TC-S	GLC-T (1000BASE-T)		12.2(37)EY
		GLC-SX-MM, -LH-SM		
	WS-C2960-48TC-S	GLC-T (1000BASE-T)		12.2(37)EY
		GLC-SX-MM, -LH-SM		
WS-C2960-8TC-L	GLC-T (1000BASE-T)		12.2(35)SE	
	GLC-SX-MM, -LH-SM, -ZX-SM			
	GLC-BX-D, GLC-BX-U			
WS-C2960G-8TC-L	GLC-T (1000BASE-T)		12.2(35)SE	
	GLC-SX-MM, -LH-SM, -ZX-SM			
	GLC-BX-D, GLC-BX-U			

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Catalyst 2960 series (continued)	WS-C2960G-48TC-L	GLC-T (1000BASE-T) GLC-SX-MM, -LH-SM, -ZX-SM GLC-BX-D, GLC-BX-U		12.2(25)SEE
	WS-C2960-48TC-L	GLC-T (1000BASE-T)	Not supported	12.2(25)FX
		GLC-SX-MM, -LH-SM, -ZX-SM GLC-BX-D, GLC-BX-U	Not supported	12.2(25)FX
	WS-C2960G-24TC-L	GLC-T (1000BASE-T)	Not supported	12.2(25)FX
		GLC-SX-MM, -LH-SM, -ZX-SM	Not supported	12.2(25)FX
		GLC-BX-D, GLC-BX-U		
Catalyst 2970 series	WS-C2970G-24TS-E	GLC-T (10/100/1000) GLC-SX-MM, -LH-SM, -ZX-SM	Not supported <sup>1</sup>	12.1(14)EA1 <sup>1</sup>
Cisco ME 3400	ME-3400-24TS-A ME-3400-24TS-D	GLC-T (10/100/1000) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D, GLC-BX-U	—	12.2(25)EX
Catalyst 3500XL series	WS-C3508G-XL-EN	WS-G5482	Not supported	12.0(5)XW
		WS-G5483	Not supported	12.0(5)WC3b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3512-XL-EN	WS-G5482	Not supported	12.0(5)XW
		WS-G5483	Not supported	12.0(5)WC3b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3524-XL-EN	WS-G5482	Not supported	12.0(5)XW
		WS-G5483	Not supported	12.0(5)WC3b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3524-PWR-XL-EN	WS-G5482	Not supported	12.0(5)XW
		WS-G5483	Not supported	12.0(5)WC3b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3548-XL-EN	WS-G5482	Not supported	12.0(5)XW
		WS-G5483	Not supported	12.0(5)WC3b
WS-G5484, G5486, G5487		<sup>1</sup>	<sup>1</sup>	

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Catalyst 3550 series	WS-C3550-24-SMI	WS-G5482	Not supported	12.1(6)EA1a
		WS-G5483	Not supported	12.1(8)EA1b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3550-24-EMI	WS-G5482	Not supported	12.1(6)EA1a
		WS-G5483	Not supported	12.1(8)EA1b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3550-24-DC-SMI	WS-G5482	Not supported	12.1(6)EA1b
		WS-G5483	Not supported	12.1(8)EA1b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3550-24-FX-SMI	WS-G5482	Not supported	12.1(12c)EA1
		WS-G5483	Not supported	12.1(12c)EA1
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3550-24PWR-SMI	WS-G5482	Not supported	12.1(12c)EA1
		WS-G5483	Not supported	12.1(12c)EA1
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3550-24PWR-EMI	WS-G5482	Not supported	12.1(12c)EA1
		WS-G5483	Not supported	12.1(12c)EA1
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3550-48-SMI	WS-G5482	Not supported	12.1(8)EA1b
		WS-G5483	Not supported	12.1(8)EA1b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C3550-48-EMI	WS-G5482	Not supported	12.1(8)EA1b
		WS-G5483	Not supported	12.1(8)EA1b
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
WS-C3550-12G	WS-G5482	Not supported	12.1(6)EA1	
	WS-G5483	Not supported	12.1(8)EA1b	
	WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>	
WS-C3550-12T	WS-G5482	Not supported	12.1(6)EA1	
	WS-G5483	Not supported	12.1(8)EA1b	
	WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>	

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Catalyst 3560 series	WS-C3560-24PS	GLC-T (10/100/1000)	Not supported	12.1(19)EA1c
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
	WS-C3560-48PS	GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB
		GLC-T (10/100/1000)	Not supported	12.1(19)EA1c
	WS-C3560G-24TS	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB
	WS-C3560G-48TS	GLC-T (10/100/1000)	Not supported	12.2(20)SE3
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
	WS-C3560G-48PS	GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB
		GLC-T, 10/100/1000	Not supported	12.2(20)SE3
	WS-C3560G-8PS	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB
	WS-C3560G-24PS	GLC-T, 10/100/1000	Not supported	12.2(20)SE3
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
	WS-C3560-8PC	GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB
		GLC-T, 10/100/1000	Not supported	12.2(35)SE
	WS-C3560-48TS	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE
	WS-C3560-24TS	GLC-T, 10/100/1000	Not supported	12.2(20)SE3
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Catalyst 3560-E Series	WS-C3560E-24TD	GLC-T (10/100/1000)	Not supported	12.2(35)SE2
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE2
	WS-C3560E-24PD	GLC-T (10/100/1000)	Not supported	12.2(35)SE2
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE2
	WS-C3560E-48TD	GLC-T (10/100/1000)	Not supported	12.2(35)SE2
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE2
	WS-C3560E-48PD	GLC-T (10/100/1000)	Not supported	12.2(35)SE2
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE2
WS-C3560E-48PDF	GLC-T (10/100/1000)	Not supported	12.2(35)SE2	
	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
	GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE2	
Catalyst 3750 series	WS-C3750-24TS	GLC-T (10/100/1000)	Not supported	12.1.(14)EA1
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB
	WS-C3750-48TS	GLC-T (10/100/1000)	Not supported	12.1.(14)EA1
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB
	WS-C3750-24PS	GLC-T (10/100/1000)	Not supported	12.1(19)EA1c
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB
	WS-C3750-48PS	GLC-T (10/100/1000)	Not supported	12.1(19)EA1c
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB



**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required		
			Catalyst Operating System	Cisco IOS Release	
Catalyst 3750 series (Continued)	WS-C3750G-12S	GLC-T (10/100/1000)	Not supported	12.1(14)EA1	
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
	WS-C3750G-24TS	GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB	
		GLC-T (10/100/1000)	Not supported	12.1(14)EA1	
	WS-C3750G-48TS	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
		GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB	
	WS-C3750G-24PS	GLC-T (10/100/1000)	Not supported	12.1(14)EA1	
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
	WS-C3750G-48PS	GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB	
		GLC-T (10/100/1000)	Not supported	12.1(14)EA1	
	WS-C3750G-12S	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
		GLC-BX-D, GLC-BX-U	Not supported	12.2(25)SEB	
	ME-C3750-24TE-MA and ME-C3750-24TE-DA	GLC-T (10/100/1000)	Not supported	12.1(14)AX	
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
	WS-C3750-24FS-S	GLC-BX, -D. -U		12.2(25)EY2	
		GLC-T (10/100/1000)	Not supported	12.2(25)SEB	
		GLC-SX-MM, -LH-SM, -ZX-SM			
			GLC-BX, -D. -U		

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Catalyst 3750-E Series	WS-C3750E-24TD	GLC-T (10/100/1000)	Not supported	12.2(35)SE2
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE2
	WS-C3750E-24PD	GLC-T (10/100/1000)	Not supported	12.2(35)SE2
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE2
	WS-C3750E-48TD	GLC-T (10/100/1000)	Not supported	12.2(35)SE2
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE2
	WS-C3750E-48PD	GLC-T (10/100/1000)	Not supported	12.2(35)SE2
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE2
WS-C3750E-48PDF	GLC-T (10/100/1000)	Not supported	12.2(35)SE2	
	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
	GLC-BX-D, GLC-BX-U	Not supported	12.2(35)SE2	
Catalyst 4500 series	WS-X4013	WS-G5483	7.2	Not supported
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-X4013+	WS-G5483	Not supported	12.1(19)EW
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-X4013+TS	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(20)EWA
	WS-X4013+10GE	GLC-LH-SM, -ZX-SM	Not supported	12.2(25)SG
		GLC-BX-D, GLC-BX-U		
	WS-X4014	WS-G5483	Not supported	12.1(13)EW
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-X4232-GB-RJ	WS-G5483	7.2	Not supported
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
WS-X4302-GB	WS-G5483	8.1	12.1(19)EW	
	WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>	

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Catalyst 4500 series (Continued)	WS-X4306-GB	WS-G5483	7.2	12.1(19)EW
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-X4412-2GB-T	WS-G5483	7.2	12.1(19)EW
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-X4418-GB	WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-4448-GB-SFP	GLC-T (1000BASE-T)	Not supported	12.2(20)EW
		GLC-SX-MM, -LH-SM	<sup>1</sup>	<sup>1</sup>
	WS-X4506-GB-T	GLC-BX-D, GLC-BX-U	Not supported	12.2(20)EW
		GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>
		GLC-BX-D, GLC-BX-U	Not supported	12.2(20)EWA
	WS-X4515	WS-G5483	Not supported	12.1(13)EW
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
WS-X4516	WS-G5483	Not supported	12.2(18)EW	
	WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>	
WS-X4516-10GE	GLC-SX-MM, -LH-SM, -ZX-SM	<sup>1</sup>	<sup>1</sup>	
	GLC-BX-D, GLC-BX-U	Not supported	12.2(25)EWA	
Catalyst 4900 series	WS-C4912G	WS-G5483	7.2.1	Not supported
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-C4948	GLC-SX-MM, -LH-SM, -ZX-SM	Not supported	12.2(20)EWA
GLC-BX-D, GLC-BX-U		Not supported	12.2(20)EWA	
Catalyst 6500 series	WS-X6K-SUP1-2GE	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-X6K-SUP1A-2GE	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
	WS-X6K-SUP1A-MSFC	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>
WS-X6K-SUP1A-MSFC2	WS-G5483	7.2	12.1(13)E	
	WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>	
WS-X6K-SUP1A-PFC	WS-G5483	7.2	12.1(13)E	
	WS-G5484, G5486, G5487	<sup>1</sup>	<sup>1</sup>	

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Catalyst 6500 series (Continued)	WS-X6K-SUP2-MSFC2	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	1	1
	WS-X6K-SUP2U-MSFC2	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	1	1
	WS-X6K-SUP2U-PFC2	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	1	1
	WS-X6K-S2-PFC2	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	1	1
	WS-X6408-GBIC	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	1	1
	WS-X6408A-GBIC	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	1	1
	WS-X6416-GBIC	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	1	1
	WS-X6516-GBIC	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	1	1
	WS-X6516A-GBIC	WS-G5483	7.5.1	12.1(19)E1
		WS-G5484, G5486, G5487	1	1
	WS-X6816-GBIC	WS-G5483	7.2	12.1(13)E
		WS-G5484, G5486, G5487	1	1
WS-SUP720	GLC-T (1000BASE-T)	8.3.1	12.2(17a)SX	
	GLC-SX-MM	1	1	
	GLC-LH-SM	1	1	
	GLC-ZX-SM	8.2	1	
	GLC-BX-D, GLC-BX-U	8.4.1	12.2(18)SXE1	
WS-SUP32-8GE-3B	GLC-T (1000BASE-T)	8.4(1)	12.2(17d)SXB8	
	GLC-SX-MM, -LH-SM, -ZX-SM	8.4(1)	12.2(17d)SXB8	
	GLC-BX-D, GLC-BX-U	8.4(1)	12.2(18)SXE1	
WS-SUP32-10GE-3B	GLC-T (1000BASE-T)	8.4(1)	12.2(17d)SXB8	
	GLC-SX-MM, -LH-SM, -ZX-SM	8.4(1)	12.2(17d)SXB8	
	GLC-BX-D, GLC-BX-U	8.4(1)	12.2(18)SXE1	

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
	WS-X6724-SFP	GLC-T (1000BASE-T)	8.3.1	12.2(17a)SX
		GLC-SX-MM	1	1
		GLC-LH-SM	1	1
		GLC-ZX-SM	8.2	1
	WS-X6748-SFP	GLC-BX-D, GLC-BX-U	8.4.1	12.2(18)SXE1
		GLC-T (1000BASE-T)	8.3.1	12.2(17d)SXB
		GLC-SX-MM	1	1
		GLC-LH-SM	1	1
		GLC-ZX-SM	8.2	1
		GLC-BX-D, GLC-BX-U	8.4.1	12.2(18)SXE1
Cisco ME 4900 series	Cisco ME 4924-10GE	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D, GLC-BX-U	Not supported	12.2(31)SGA
ME 6500 Series	ME-C6524GS-8S	GLC-T (1000BASE-T)	Not supported	12.2(18)ZU
		GLC-SX-MM		
GLC-LH-SM				
GLC-ZX-SM				
ME-C6524GT-8S	GLC-BX-D, GLC-BX-U	GLC-T (1000BASE-T)	Not supported	12.2(18)ZU
		GLC-SX-MM		
		GLC-LH-SM		
		GLC-ZX-SM		
Cisco 2690 series Router	NM-1GE	WS-G5483	Not supported	12.2(11)YT
		WS-G5484, G5486, G5487	1	1
Cisco 3660 series Router	NM-1GE	WS-G5483	Not supported	12.2(11)YT
		WS-G5484, G5486, G5487	1	1
Cisco 3700 series Router	NM-1GE	WS-G5483	Not supported	12.2(11)YT
		WS-G5484, G5486, G5487		
Cisco 3800 series Router	Cisco 3825	GLC-SX-MM, -LH-SM, -ZX-SM	1	12.3(11)T
	Cisco 3845	GLC-SX-MM, -LH-SM, -ZX-SM	1	12.3(11)T

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Cisco 6400 Universal Access	C6400-NRP-2SV	WS-G5484, G5486, G5487	1	1
Cisco 7200 series Router	NPE-G1	WS-G5484, G5486, G5487	1	1
	NPE-G2	SFP-GE-S, -L, -Z	Not supported	12.4(4)XD 12.4(11)T 12.2(31)SB2
	C7206VXR/400/GE	WS-G5484, G5486, G5487	1	1
	C7206VXR/NPE-G1	WS-G5484, G5486, G5487	1	1
	C7200-I/O-GE+E	WS-G5484, G5486, G5487	1	1
	PA-GE	WS-G5484, G5486, G5487	1	1
Cisco uBR7200 series	uBR7200-NPE-G1	WS-G5484, G5486, G5487	1	1
Cisco 7300 series Router	CISCO7301	GLC-T (1000BASE-T)	Not supported	12.2(18)S1
		GLC-SX-MM, -LH-SM, -ZX-SM	1	1
Cisco 7500 series Router	GEIP	WS-G5484, G5486, G5487	1	1
	GEIP+	WS-G5484, G5486, G5487	1	1
Cisco 7600 series Router	OSM-1CHOC12/T1-SI	WS-G5484, G5486, G5487	1	1
	OSM-1CHOC12/T3-SI	WS-G5484, G5486, G5487	1	1
	OSM-2OC12-ATM-MM	WS-G5484, G5486, G5487	1	1
	OSM-2OC12-ATM-SI	WS-G5484, G5486, G5487	1	1
	OSM-2OC12-ATM-MM+	WS-G5484, G5486, G5487	1	1
	OSM-2OC12-ATM-SI+	WS-G5484, G5486, G5487	1	1
	OSM-4OC3-POS-SI	WS-G5484, G5486, G5487	1	1
	OSM-4OC3-POS-SI+	WS-G5484, G5486, G5487	1	1
	OSM-4OC12-POS-SI	WS-G5484, G5486, G5487	1	1
	OSM-4OC12-POS-SI+	WS-G5484, G5486, G5487	1	1
	OSM-8OC3-POS-MM	WS-G5484, G5486, G5487	1	1
	OSM-8OC3-POS-SI	WS-G5484, G5486, G5487	1	1
	OSM-8OC3-POS-SL	WS-G5484, G5486, G5487	1	1
	OSM-8OC3-POS-SL+	WS-G5484, G5486, G5487	1	1
	OSM-8OC3-POS-SI+	WS-G5484, G5486, G5487	1	1
	OSM-16OC3-POS-MM	WS-G5484, G5486, G5487	1	1
	OSM-16OC3-POS-SI	WS-G5484, G5486, G5487	1	1
	OSM-16OC3-POS-SL	WS-G5484, G5486, G5487	1	1
OSM-16OC3-POS-SI+	WS-G5484, G5486, G5487	1	1	

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Cisco 7600 series Router (continued)	OSM-2OC12-POS-MM	WS-G5484, G5486, G5487	1	1
	OSM-2OC12-POS-SI	WS-G5484, G5486, G5487	1	1
	OSM-2OC12-POS-SL	WS-G5484, G5486, G5487	1	1
	OSM-2OC12-POS-SI+	WS-G5484, G5486, G5487	1	1
	OSM-2OC12-POS-MM+	WS-G5484, G5486, G5487	1	1
	OSM4OC12-POS-MM	WS-G5484, G5486, G5487	1	1
	OSM4OC12-POS-SI	WS-G5484, G5486, G5487	1	1
	OSM4OC12-POS-SL	WS-G5484, G5486, G5487	1	1
	OSM4OC12-POS-SI+	WS-G5484, G5486, G5487	1	1
	OSM-1OC48-POS-SI	WS-G5484, G5486, G5487	1	1
	OSM-1OC48-POS-SL	WS-G5484, G5486, G5487	1	1
	OSM-1OC48-POS-SS	WS-G5484, G5486, G5487	1	1
	OSM-1OC48-POS-SS+	WS-G5484, G5486, G5487	1	1
	OSM-1OC48-POS-SI+	WS-G5484, G5486, G5487	1	1
	OSM-1OC48-POS-SL+	WS-G5484, G5486, G5487	1	1
	OSM-2OC48/1DPT-SS	WS-G5484, G5486, G5487	1	1
	OSM-2OC48/1DPT-SI	WS-G5484, G5486, G5487	1	1
	OSM-2OC48/1DPT-SL	WS-G5484, G5486, G5487	1	1
	OSM-2+4GE-WAN+	WS-G5484, G5486, G5487	1	1
	OSM-4GE-WAN-GBIC	WS-G5484, G5486, G5487	1	1
7600-ES20-GE3CXL	SFP-GE-S, SFP-GE-L, SFP-GE-Z	Not supported	12.2(33)SRB	
7600-ES20-GE3C	SFP-GE-S, SFP-GE-L, SFP-GE-Z	Not supported	12.2(33)SRB	
Cisco 10700 series Internet Router	10720-GE-FE-TX	SFP-GE-T (1000BASE-T)	Not supported	12.0(27)S
		SFP-GE-S, SFP-GE-L	Not supported	12.0(26)S
	10720-GE-FE-TX-B	SFP-GE-T (1000BASE-T)	Not supported	12.0(27)S
		SFP-GE-S, SFP-GE-L	Not supported	12.0(26)S
Cisco CSS 11500 series	CSS11506-2AC	GLC-SX-MM, -LH-SM	1	1
		GLC-T (10/100/1000)		WebNS 7.5
	CSS11506-2DC	GLC-SX-MM, -LH-SM	1	1
		GLC-T (10/100/1000)		WebNS 7.5
CSS11503-AC	GLC-SX-MM, -LH-SM	1	1	
	GLC-T (10/100/1000)		WebNS 7.5	

**Table 2 Gigabit Ethernet Transceiver Platform Support (continued)**

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
Cisco CSS 11500 series (Continued)	CSS11503-DC	GLC-SX-MM, -LH-SM GLC-T (10/100/1000)	1	1 WebNS 7.5
	CSS5-SCM-2GE	GLC-SX-MM, -LH-SM GLC-T (10/100/1000)	1	1 WebNS 7.5
	CSS5-IOM-2GE	GLC-SX-MM, -LH-SM GLC-T (10/100/1000)	1	1 WebNS 7.5
Cisco 12000 series Router	3GE-GBIC-SC	WS-G5484, G5486, G5487	1	1
	EPA-3GE-SX/LH-LC	GLC-SX-MM, -LH-SM, ZX-SM	Not supported	12.0(32)S
MDS 9000	DS-X9016	GLC-T (1000BASE-T)	MDS 9x00 Enterprise Software Release 1.1.1	Not supported
	DS-X9032	GLC-T (1000BASE-T)	MDS 9x00 Enterprise Software Release 1.1.1	Not supported
	DS-X9308-SMIP	GLC-T (1000BASE-T)	MDS 9x00 Enterprise Software Release 1.1.1	Not supported
Shared Port Adapters (SPAs)	SPA-2X1GE	SFP-GE-T, -S, -L, -Z	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-5X1GE	SFP-GE-T, -S, -L, -Z		
	SPA-8X1GE	SFP-GE-T, -S, -L, -Z		
	SPA-10X1GE	SFP-GE-T, -S, -L, -Z		
	SPA-2GE-7304	SFP-GE-S, -L, -Z		
	SPA-2X1GE-V2	SFP-GE-S, -L, -Z		
	SPA-5X1GE-V2	SFP-GE-T, -S, -L, -Z		
	SPA-8X1GE-V2	SFP-GE-T, -S, -L, -Z		
SPA-10X1GE-V2	SFP-GE-T, -S, -L, -Z			



**Table 2** Gigabit Ethernet Transceiver Platform Support (continued)

Platform	Switch or Module	Transceiver Module	Minimum Software Release Required	
			Catalyst Operating System	Cisco IOS Release
ATG Modules	HWIC-1GE-SFP	GLC-T, SX-MM, LH-SM, ZX-SM SFP-GE-T		12.3(8)T4
	NME-XD-24ES-1S-P	GLC-SX-MM, LH-SM, ZX-SM		12.2(25)EZ
	NME-XD-48ES-2S-P	GLC-SX-MM, LH-SM, ZX-SM		12.2(25)EZ
ASA5500 series appliances	SSM-4GE	GLC-SX-MM, LH-SM		ASA 7.0

1. These transceiver modules have been shipping for more than 3 years. Refer to your software release notes for specific platform support for these transceiver modules.

## Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New* in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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