



Cisco NCS 560 Routers Optics Matrix

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Legend:

NA: Not Applicable

NS: Not Supported

PartNumber	Description	Interface Modules for Cisco NCS 560							
		N560-IMA-2C 2x100G QSFP DD	N560-IMA-2C-DD 2x100G QSFP DD 100G	N560-IMA-1W 1x100/200G CFP2	N560-IMA-8Q/4L 8x25G/4x50G	A900-IMA-8Z 8x10G	A900-IMA-8Z-L 8x10G ethernet only	A900-IMA-8CS1Z 8/16x1G+1x10G	
100GE QSFP28									
QSFP-100G-SR4-S	100GBASE SR4 QSFP Transceiver, MPO, 100m over OM4 MMF	6.6.25	7.3.1	NA	NA	NA	NA	NA	
QSFP-100G-LR4-S	100GBASE LR4 QSFP Transceiver, LC, 10km over SMF	6.6.25	7.3.1	NA	NA	NA	NA	NA	
QSFP-100G-CWDM4-S	100GBASE CWDM4 QSFP Transceiver, LC, 2km over SMF	6.6.25	7.3.1	NA	NA	NA	NA	NA	
QSFP-100G-SM-SR	100GBASE CWDM4 Lite QSFP Transceiver, 2km over SMF, 10-60C	6.6.25	7.3.1	NA	NA	NA	NA	NA	
QSFP-100G-PSM4-S	100GBASE PSM4 QSFP Transceiver, MPO, 500m over SMF	6.6.25	7.3.1	NA	NA	NA	NA	NA	
QSFP-100G-AOCxM	100GBASE QSFP Active Optical Cable, xm	7.6.1	7.6.1	NA	NA	NA	NA	NA	
QSFP-100G-ER4L-S	100GBASE QSFP Transceiver, 40KM reach over SMF, Duplex LC	7.2.1	7.3.1	NA	NA	NA	NA	NA	
100G CFP2									
CFP2-WDM-DET-1HL	100/200G	NA	NA	7.2.1	NA	NA	NA	NA	
CFP2-WDM-D-1HL	100/200G	NA	NA	7.2.1	NA	NA	NA	NA	
CFP2-WDM-DS-1HL	100/200G	NA	NA	7.2.1	NA	NA	NA	NA	

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		N560-IMA-2C 2x100G QSFP DD	N560-IMA-2C-DD 2x100G QSFP DD	100G N560-IMA-1W 1x100/200G CFP2	N560-IMA-8Q/4L 8x25G/4x50G	A900-IMA-8Z 8x10G	A900-IMA-8Z-L 8x10G ethernet only	A900-IMA-8CS1Z 8/16x1G+1x10G
CFP2-WDM-DETS-HL	100/200G	NA	NA	7.2.1	NA	NA	NA	NA
CFP2-WDM-DS100-	100G	NA	NA	7.2.1	NA	NA	NA	NA
40GE QSFP								
QSFP-40G-SR4	40GBASE-SR4 QSFP Transceiver Module with MPO Connector	7.2.1	NA	NA	NA	NA	NA	NA
QSFP-40G-SR4-S	40GBASE-SR4 QSFP Trnscvr Module, MPO Conn, Enterprise-Class	7.2.1	NA	NA	NA	NA	NA	NA
QSFP-40G-ER4	QSFP 40GBASE-ER4 Transceiver Module, LC, 40KM	7.2.1	NA	NA	NA	NA	NA	NA
QSFP-40G-LR4	QSFP 40GBASE-LR4 Transceiver Module, LC, 10KM	7.2.1	NA	NA	NA	NA	NA	NA
QSFP-4x10G-LR-S	QSFP 4x10G Transceiver Module,SM MPO, 10KM, Enterprise-Class	7.2.1	NA	NA	NA	NA	NA	NA
25GE SFP28								
SFP-25G-SR-S	25GBASE-SR SFP Module	NS	NS	NS	7.4.1	NA	NA	NA
SFP-10/25G-CSR-S	Dual Rate 10/25GBASE-CSR SFP Module	NS	NS	NS	7.4.1	NA	NA	NA
SFP-10/25G-LR-S	10/25GBASE-LR SFP28 Module	NS	NS	NS	7.4.1	NA	NA	NA
SFP-25G-AOCxM	25GBASE Active Optical SFP28 Cable, xM	NS	NS	NS	7.6.1	NA	NA	NA
SFP-H25G-CUxM	25GBASE-CU SFP28 Cable x Meter	NS	NS	NS	7.6.1	NA	NA	NA
SFP-10/25G-LR-I	10/25GBASE-LR SFP, 10/15km over duplex SMF, Industrial Temp.	NS	NS	NS	7.4.1	NA	NA	NA
SFP-25G-ER-I	25GBASE-ER SFP28 iTemp Module	NS	NS	NS	7.6.1	NA	NA	NA
SFP-10/25G-BXD-I, -BXU-I	10/25GBASE-LR BiDirectional -D,-U SFP28 iTemp Module	NS	NS	NS	7.4.1	NA	NA	NA
10GE SFP10								
SFP-10G-SR	10GBASE-SR SFP Module	NA	NA	NA	7.4.1	6.6.25	7.3.1	6.6.2
SFP-10G-SR-S	10GBASE-SR SFP Module, Enterprise-Class	NA	NA	NA	7.4.1	6.6.25	7.3.1	7.3.1

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		N560-IMA-2C 2x100G QSFP DD	N560-IMA-2C-DD 2x100G QSFP DD 100G	N560-IMA-1W 1x100/200G CFP2	N560-IMA-8Q/4L 8x25G/4x50G	A900-IMA-8Z 8x10G	A900-IMA-8Z-L 8x10G ethernet only	A900-IMA-8CS1Z 8/16x1G+1x10G
SFP-10G-SR-X	10GBASE-SR SFP Module for Extended Temp range	NA	NA	NA	7.4.1	6.6.25	7.3.1	6.6.25
SFP-10G-LR	10GBASE-LR SFP Module	NA	NA	NA	7.4.1	6.6.25	7.3.1	7.4.1
SFP-10G-LR-S	10GBASE-LR SFP Module, Enterprise-Class	NA	NA	NA	7.4.1	6.6.25	7.3.1	NA
SFP-10G-LR-X	10GBASE-LR SFP Module for Extended Temp range	NA	NA	NA	7.4.1	6.6.25	7.3.1	7.3.1
SFP-10G-ER	10GBASE-ER SFP Module	NA	NA	NA	7.4.1	6.6.25	7.3.1	7.6.1
SFP-10G-ER-S	10GBASE-ER SFP Module, Enterprise-Class	NA	NA	NA	7.4.1	6.6.25	7.3.1	7.3.1
SFP-10G-ZR	Cisco 10GBASE-ZR SFP10G Module for SMF	NA	NA	NA	7.4.1	6.6.25	7.3.1	7.6.1
SFP-10G-ZR-S	10GBASE-ZR SFP Module, Enterprise-Class	NA	NA	NA	7.4.1	6.6.25	7.3.1	NA
SFP-10G-LRM	10GBASE-LRM SFP Module	NA	NA	NA		NS	7.4.1	7.4.1
DWDM-SFP10G-xxxx	10GBASE-DWDM xxxx.xx nm SFP10G (100-GHz ITU grid)	NA	NA	NA	NS	7.3.1	7.3.1	7.3.1
DWDM-SFP10G-C	DWDM Tunable SFP+ 10 Gigabit Ethernet Transceiver Module	NA	NA	NA	NS	7.4.1	7.4.1	7.4.1
CWDM-SFP10G-xxxx	CWDM 1470 nm SFP+ 10 Gigabit Ethernet Transceiver Module	NA	NA	NA	7.4.1	NA	7.4.1	7.2.2
SFP-10G-BXD-I, -BXU-I	SFP+ Bidirectional for 10km, downstream/upstream	NA	NA	NA	7.4.1	6.6.25	7.6.1	7.6.1
SFP-10G-BX40D-I, -BX40U-I	SFP+ Bidirectional for 40km, downstream/upstream	NA	NA	NA	7.6.1	6.6.25	7.6.1	7.6.1
DWDM-SFP10G-C-S	DWDM Tunable SFP+ Module, S-Class, Limiting Interface	NA	NA	NA	NA	7.4.1	7.4.1	7.4.1
SFP-10G-AOCxM	10GBASE Active Optical SFP+ Cable, xM	NA	NA	NA	7.4.1	7.4.1	7.4.1	7.4.1
SFP-H10GB-CUxM	10GBASE-CU SFP+ Cable x Meter	NA	NA	NA	NS	NA	7.6.1	7.6.1
SFP-H10GB-ACUxM	Active Twinax cable assembly, xm	NA	NA	NA	7.4.1	NA	7.6.1	7.6.1
ONS-SC+-10G-LR		NA	NA	NA	7.4.1	NA	7.3.1	NA

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		N560-IMA-2C 2x100G QSFP DD	N560-IMA-2C-DD 2x100G QSFP DD	N560-IMA-1W 1x100/200G CFP2 100G	N560-IMA-8Q/4L 8x25G/4x50G	A900-IMA-8Z 8x10G	A900-IMA-8Z-L 8x10G ethernet only	A900-IMA-8CS1Z 8/16x1G+1x10G
ONS-SC+-10G-SR		NA	NA	NA	7.4.1	7.6.1	7.6.1	7.6.1
ONS-SC+-10G-xx.x		NA	NA	NA	NS	7.4.1	7.4.1	7.4.1
ONS-SC+-10GEP-xx.x		NA	NA	NA	NS	NA	7.3.1	NA
ONS-SI+-10G-SR	SFP+ SR - Industrial Temp	NA	NA	NA	7.4.1	7.3.1	7.3.1	7.3.1
ONS-SI+-10G-LR	SFP+ LR - Industrial Temp	NA	NA	NA	7.4.1	7.3.1	7.3.1	7.3.1
SFP-10G-LR10-I	10GBASE-LR SFP, 10km over duplex SMF	NA	NA	NA	NA	7.4.1	7.4.1	7.4.1
SFP-10G-ER-I	10GBASE-ER SFP, 40km over duplex SMF	NA	NA	NA	NA	7.4.1	7.4.1	7.4.1
ONS-SI+-10G-ER	SFP+ ER - Industrial Temp	NA	NA	NA	7.4.1	7.3.1	7.3.1	7.3.1
1GE SFP								
GLC-TE	1000BASE-T SFP transceiver module for Category 5 copper wire	NA	NA	NA	NA	NA	NA	7.0.2
GLC-SX-MMD	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM	NA	NA	NA	NA	NA	NA	6.6.2 5
GLC-SX-MM-RGD	1000Mbps Multi-Mode Rugged SFP	NA	NA	NA	NA	NA	7.6.1	7.6.1
GLC-LH-SMD	1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM	NA	NA	NA	NA	NA	NA	6.6.2 5
GLC-LX-SM-RGD	1000Mbps Single Mode Rugged SFP	NA	NA	NA	NA	NA	7.6.1	7.6.1
GLC-EX-SMD	1000BASE-EX SFP transceiver module, SMF, 1310nm, DOM	NA	NA	NA	NA	NA	NA	7.3.1
GLC-ZX-SMD	1000BASE-ZX SFP transceiver module, SMF, 1550nm, DOM	NA	NA	NA	NA	NA	NA	6.6.2 5
GLC-ZX-SM-RGD	1000BASE-ZX Single Mode RuggedSFP	NA	NA	NA	NA	NA	7.6.1	7.6.1
CWDM-SFP-xxxx	CWDM xxxx NM SFP Gigabit Ethernet and 1G/2G FC	NA	NA	NA	NA	NA	7.6.1	7.2.2
DWDM-SFP-xxxx	DWDM SFP xxxx.xx nm SFP (100 GHz ITU grid)	NA	NA	NA	NA	NA	7.6.1	6.6.2
GLC-BX40-D-I, -DA-I, -U-I	1000BASE-BX40 SFP, 1550/1490/1310NM	NA	NA	NA	NA	NA	NA	6.6.2 5
GLC-BX-D, -U	1000BASE-BX SFP, 1490NM/1310NM	NA	NA	NA	NA	NA	NA	6.6.2

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GLC-BX80-D-I, -U-I	1000BASE-BX80 SFP, 1570/1490NM	NA	NA	NA	NA	NA	NA	6.6.2
GLC-2BX-D-I	1000BASE-BX10 SFP, 1490NM, 2-Channels, Industrial Temp	NA	NA	NA	NA	NA	NA	6.6.2 5
GLC-2BX-D	1000BASE-BX10 SFP, 1490NM, 2-Channels	NA	NA	NA	NA	NA	NA	6.6.2
ONS-SI-GE-EX	SFP - 100Base EX - I-Temp	NA	NA	NA	NA	NA	NA	7.3.1
ONS-SI-GE-ZX	SFP - 1000BASE-ZX Gigabit Ethernet, 1550, SM, I-Temp	NA	NA	NA	NA	7.6.1	7.5.1	7.3.1
ONS-SI-GE-LX	SFP - 1000BASE-LX Gigabit Ethernet, 1310, SM, I-TEMP	NA	NA	NA	NA	NA	NA	7.3.1
ONS-SI-GE-SX	SFP - 1000BASE-SX Gigabit Ethernet, 850nm, MM, I-TEMP	NA	NA	NA	NA	NA	NA	7.3.1