

2024

T1Nexus

THE NEXUS OF CUTTING-EDGE
IDEAS AND YOUR FIBER NETWORK



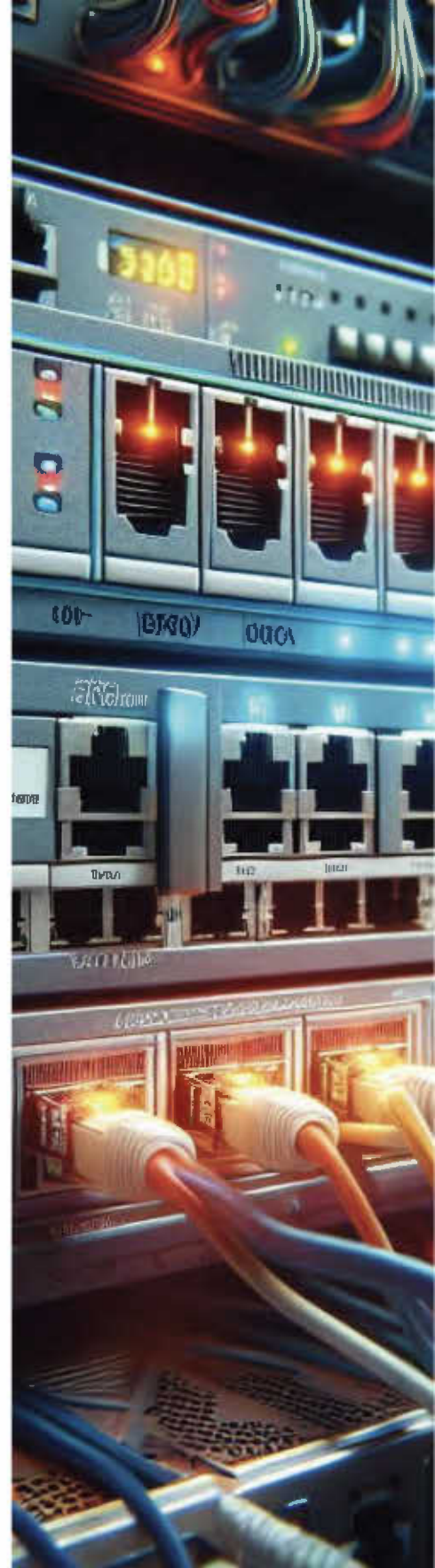
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T1Nexus and NVIDIA Cross Reference Guide

Select the Nvidia transceivers that best match your application

	Nvidia Part number	T1 Part Number	Type	Application	Reach (M)	Fiber Type	Interface
800G	MMA4Z00-NS	T1-OSFP-800G-SR8	OSFP	2xSR4	30/50	OM3/OM4	2 x MPO12 APC
	MMS4X00-NM	T1-OSFP-800G-DR8	OSFP	2xDR4	500	OS2	2 x MPO12 APC
	MMS4X50-NM	T1-OSFP-800G-FR8	OSFP	2xFR4	2KM	OS2	2 x Duplex LC

	Nvidia Part number	T1 Part Number	Type	Application	Reach (M)	Fiber Type	Interface
400G	MMA1Z00-NS400	T1-QSFP112-400G-SR4	QSFP112	SR4	30/50	OM3/OM4	MPO12 APC
	MMS1V00-WM	T1-QSFP-DD-400G-DR4	QSFP-DD	DR4	500	OS2	MPO12 APC
	MMS4X00-NS400	T1-OSFP-400G-DR4	OSFP	DR4	100	OS2	MPO12 APC
	MMA4Z00-NS400	T1-OSFP-400G-SR4	OSFP	SR4	30/50	OM3/OM4	MPO12 APC
	T-DQ8FNS-N00-M	T1-QSFP-DD-400G-SR8	QSFP-DD	SR8	100	OM3/OM4	MPO16 APC

	Nvidia Part number	T1 Part Number	Type	Application	Reach (M)	Fiber Type	Interface
200G	MMA1T00-HS	T1-QSFP56-200G-SR4	QSFP56	SR4	70/100	OM3/OM4	MPO12 UPC
	MMA1T00-VS	T1-QSFP56-200G-SR4	QSFP56	SR4	70/100	OM3/OM4	MPO12 UPC
	MMS1W50-HM	T1-QSFP56-200G-FR4	QSFP56	FR4	2KM	OS2	Duplex LC

	Nvidia Part number	T1 Part Number	Type	Application	Reach (M)	Fiber Type	Interface
100G	MMA1B00-E100	T1-QSFP28-100G-SR4	QSFP28	SR4	70/100	OM3/OM4	MPO12 UPC
	MMA1B00-C100D	T1-QSFP28-100G-SR4	QSFP28	SR4	70/100	OM3/OM4	MPO12 UPC
	MMA1L10-CR	T1-QSFP28-100G-LR4	QSFP28	LR4	10KM	OS2	Duplex LC
	MMA1L30-CR	T1-QSFP28-100G-CWDM4	QSFP28	LR4	2KM	OS2	Duplex LC
	MMS1V70-CM	T1-QSFP28-100G-DR	QSFP28	DR1	500M	OS2	Duplex LC

800G Transceivers



T1-OSFP-800G-SR8

800Gb(2x400Gb) OSFP Multimode IB/Ethernet Finned Top-IHS 2xMPO12/APC
30/50m over OM3/OM4



T1-OSFP-800G-DR8

800Gb(2x400Gb) OSFP Single Mode IB/Ethernet Finned Top-IHS 2xMPO12/APC
500m



T1-OSFP-800G-FR8

800Gb(2x400Gb) OSFP Single Mode IB/Ethernet Finned Top-IHS 2xDuplex LC 2km

400G Transceivers



400Gb QSFP112 Multimode IB/Ethernet MPO12/APC 30/50m over OM3/OM4



400Gb QSFP-DD Single Mode Ethernet MPO12/APC 500m



400Gb OSFP Single Mode IB/Ethernet MPO12/APC 500m



400Gb OSFP Multimode IB/Ethernet MPO12/APC 30/50m over OM3/OM4



400Gb QSFP-DD Multimode Ethernet MPO16/APC 100m over OM4

200G Transceivers



200Gb QSFP56 Multimode IB/Ethernet MPO12/UPC 70/100m over OM3/OM4



200Gb QSFP56 Single Mode IB/Ethernet Duplex LC 2km

100G Transceivers



100Gb QSFP28 Multimode IB/Ethernet MPO12/UPC 70/100m over OM3/OM4



100Gb QSFP28 Single Mode IB/Ethernet Duplex LC 10 km



100Gb QSFP28 Single Mode IB/Ethernet Duplex LC 2 km



100Gb QSFP28 Single Mode Single Lambda Ethernet Duplex LC 2 km

MPO/MTP Patch Cord

Nvidia PN	T1Nexus	Mode	Method	Gender
MFP7E10-N010	T1-MPOA12-MPOA12-OM4-10M	OM4	B	Female/APC to Female/APC
MFP7E10-N050	T1-MPOA12-MPOA12-OM4-50M	OM4	B	Female/APC to Female/APC
MFP7E30-N100	T1-MPOA12-MPOA12-SM-100M	OS2	B	Female/APC to Female/APC
MFP7E30-N150	T1-MPOA12-MPOA12-SM-150M	OS2	B	Female/APC to Female/APC
MFP7E20-N050	T1-MPOA12-2MPOA12-OM4-50M	OM4	B	Female/APC to Female/APC

Why Choose T1Nexus

Amidst the AI surge, data center operators grapple with rising power demands, the need for higher-density racks, more efficient cooling and robust workload management. As the largest independent provider in the advanced, transceiver and cable interconnect solution segment, we're here to ease the pressure and keep you striding forward while exceeding today's performance, reliability, and innovation demands.

We became the leader in AI-ready interconnect solutions through laser-focused execution in key areas; flawless product quality, seamless interoperability, and guaranteed assurance of supply with timely delivery. When combined with our aggressive pricing, T1Nexus provides unmatched value to the largest data centers on the planet.

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