

1.6T Active Optical Equipment from the USA



Overview

Leveraging 200G/lane silicon photonics and cutting-edge PAM4 technology, our 1.6T OSFP DR8 modules—available in both Retimer and LPO versions—deliver exceptional performance with low power consumption and up to 500 meters reach over single-mode fiber. 6T/800G InfiniBand XDR solutions, which combine transceivers with cables. 6T 2xDR4 and 2xFR4 OSFP224 transceivers in IHS and RHS versions, 800G DR4 OSFP224 transceivers in RHS version, and original NVIDIA transceivers (MMS4A00-XM, MMS4A20-XM800). Copyright © 2023-2024. Next-generation optical interconnects—from 800G and 1.6T transceivers to custom Active Optical Cables—for the world's most demanding networks. Whether you are scaling an AI cluster, securing a military link, or designing a medical imaging device, our US-based team validates every module for. SANTA CLARA, Calif. - March 12, 2026 - Marvell Technology, Inc.



Article Content

800G & 1.6T Optical Transceivers – Vitex LLC

From 1.6T/800G down to legacy links, our optics are lab-tested for signal integrity, thermal margins, and multi-vendor interoperability. US-based tech support gives you fast answers, samples, and short lead ...

InfiniBand 1.6T/800G XDR | InfiniBand Optical Transceivers and ...

Click to get your 1.6T/800G XDR optical modules and cables from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

POET Teralight 1.6T Optical Engines

The complete optical system-on-chip consists of a 1.6T transmit optical engine and a 1.6T receive optical engine, each approximately 12×12 mm in size. Without wire bonds, Teralight's chip-scale architecture ...

ENET | Compatible Network Peripherals Provider

ENET delivers the latest technology, including OEM-compatible 800G InfiniBand and Ethernet transceiver solutions for NVIDIA/Mellanox, Arista, and other OEM platforms, with 1.6T on the horizon.

Marvell Ushers In the 1.6T Era with Expanded Optical DSP Platform ...

The new offerings announced today extend the company's existing 1.6T portfolio, which includes Marvell Ara, Alaska® and Nova DSPs, its Ethernet PHY platform, the Silicon Photonics ...

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1.6T/800G InfiniBand XDR Transceivers/DACs In Stock □NADDOD

NADDOD offers 1.6T/800G InfiniBand XDR solutions, which combine transceivers with cables. The transceiver portfolio includes 1.6T 2xDR4 and 2xFR4 OSFP224 transceivers in IHS and RHS ...

Keysight Expands 1.6T Interconnect Validation Technology to Include ...

As AI and HPC infrastructures scale, 1.6T interconnect technologies—including DAC, LPO, and LRO — must deliver ultra-high Ethernet speeds at the lowest possible cost and power ...

1.6T high-speed optical module

Genuine Optics 's 1.6T high speed optical module products use in-house silicon photonics chips.

Product-Optical Transceiver-ACON OPTICS

Description The surge of AI and data-intensive workloads demands ultra-fast, energy-efficient connectivity. ACON OPTICS' 1.6T, 800G, and 400G optical transceiver series are engineered to ...

Optical Transceiver | TE Connectivity

Designed for hyperscale data centers, AI/ML, HPC, and telecom applications, our transceivers including 200G, 400G, 800G and 1.6T solutions, deliver reliable performance, flexibility, and scalability.

Contact Us

For more information, pricing, or custom solutions, please contact us:

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