

800G modules drive optical market recovery in Q2 2025, with initial 1.6T shipments. This article highlights key trends in data center optics and AI infrastructure investment.

Several announcements reflected the industry's push toward new system architectures. XPO highlighted a 12.8T liquid-cooled optical module and a 204.8T switch in 1RU, with claims of ...

NVIDIA is developing a co-packaged optics (CPO) platform that integrates optical and electrical components to improve data-center connectivity, in collaboration with industry partners like ...

MALTA, N.Y., May 5, 2026 -- GlobalFoundries (GF) has introduced an optical module solution for co-packaged optics (CPO). According to the company, the Silicon photonics Co ...

GlobalFoundries (GFS) unveils its SCALE(TM) optical module, setting a new benchmark for co-packaged optics and bandwidth density in advanced AI data centers. The new platform meets ...

The 2025 optical communication industry is driven by AI data centers (AIDCs) and 5G rollouts, with high-speed optical modules (400G/800G/1.6T) emerging as core growth engines.

The high-speed transmission capacity of massive data is the key to determining the ceiling of AI computing power. Optical communication uses a laser as the information carrier and ...

TrendForce's latest research indicates that the global market for AI-focused optical transceivers has entered a phase of rapid growth, with market size projected to expand from ...

Optical Module Market surges as AI clusters expand, boosting demand for 800G and Coherent-lite modules and reshaping global cloud network infrastructure.

MALTA, N.Y., May 4, 2026 - GlobalFoundries (Nasdaq: GFS) (GF) today announced the introduction of its SCALE(TM) optical module solution for co-packaged optics (CPO). GF's SCALE ...

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