

RIVO MULTITRADE OPTICAL SYSTEMS

Latest positive news for CPO optical modules



Overview

SAXONBURG, PA, March 17, 2026 (GLOBE NEWSWIRE) – Coherent Corp. (NYSE: COHR), a global leader in photonics, today announced it will demonstrate multiple co-packaged optics (CPO) technologies at OFC 2026 in Los Angeles, highlighting the company's broad portfolio and vertical technology stack. From Jensen Huang showcasing CPO switches at GTC 2025 to a wide range of vendors demonstrating optical engines integrated inside ASIC packages at OFC 2025, CPOs are everywhere. However, it's worth noting that Andy Bechtolsheim, co-founder of Arista and a long-standing visionary in data centre. That playbook is no longer holding for today's AI systems. As AI clusters push beyond 100 Tb/s per node, the gap between what silicon can generate and what traditional copper interconnects can deliver is widening fast. Three hurdles are now colliding: First, power delivery is nearing practical. The silicon photonics industry is entering a period of rapid growth and diversification, according to Yole Group 's new report, Silicon Photonics 2025 – Focus on SOI, SiN, LNOI & InP Platforms. OFC 2026 confirmed that AI infrastructure is now the main. Co-Packaged Optics (CPO) is an advanced optical interconnect architecture that integrates optical components—such as photonic integrated circuits (PICs) and lasers—directly alongside switching ASICs or processors within the same package. This approach significantly reduces electrical I/O distance.



Article Content

Co-Packaged Optics — a deep dive | APNIC Blog

From Jensen Huang showcasing CPO switches at GTC 2025 to a wide range of vendors demonstrating optical engines integrated inside ASIC packages at OFC 2025, CPOs are everywhere.

Silicon Photonics and Co-Packaged Optics at the Heart

Yole Group unveils its latest photonic market and technology analyses, Silicon Photonics 2025 and Co-Packaged Optics for Data Centers

AI infrastructure accelerates the shift to scalable optical systems ...

CPO and soldered optical integration were another major focus. The OCI MSA promoted optics over copper for AI scale-up networks, aiming to reduce power consumption by eliminating high

Co-Packaged Optics (CPO) Market Trends 2026: AI Data Center

Explore the future of co-packaged optics (CPO) in AI data centers. Learn how silicon photonics, optical I/O, and high-speed optical interconnect technologies are shaping next-generation

Co-Packaged Optics (CPOs)

From Jensen Huang showcasing CPO switches at GTC 2025 to a wide range of vendors demonstrating optical engines integrated inside ASIC

Don't just focus on optical modules! The next surge in ...

It's not that optical modules are no good, but rather that they have entered a "stable realization period." The next wave of explosive growth will definitely come from new technologies that

GlobalFoundries' Unveils Optical Module Solution Targeting CPO

The SCALE CPO solution uses both coarse and dense wavelength-division multiplexing (CWDM and DWDM) for bi-directional data transmission over each optical fiber, delivering significant

[SMM Tin News Flash: Institution: Micro LED CPO Optical Transceiver ...

Therefore, TrendForce estimates that the market value of Micro LED CPO optical transceiver modules will reach \$848 million by 2030. Data Source Statement: Except for publicly

POET, LITEON to co-develop AI optical modules

Scalable, power-efficient optical modules for AI data centers are the focus as POET and LITEON co-develop engines, targeting prototypes in late 2026.

Inside Nvidia's \$4B Optical Strategy--And Why CPO Changes Everything

Nvidia Corporation's \$2B bets on Coherent & Lumentum signal a major CPO rollout as it battles Broadcom. Click for this NVDA stock update.

JP Morgan's Latest Update on Advanced Packaging: Key Points on

According to our preliminary research, we expect that by 2027, NVIDIA's CoWoS wafer demand will grow significantly, as the integration of CPO with optical engines on the interposer layer

Traction of embedded optical modules highlighted in

Embedded or integrated semiconductor optical modules are starting to gain traction, with the shipments of On-Board Optics (OBO), Near-Packaged

Co-Packaged Optics (CPO) Market Outlook

Co-Packaged Optics (CPO) presents a promising solution to these challenges. Unlike traditional pluggable modules, CPO integrates optical

POET Technologies seals \$50M AI optical engine deal | POET Stock News

POET Technologies (NASDAQ: POET) and Lumilens announced a strategic supply and joint development agreement to advance wafer-level photonic integration for next-generation AI

NVIDIA & Broadcom CPO, HBM4 & LPDDR6, TSMC Active LSI,

Optical Networking Several papers from major optics vendors tackled optical interconnects that will carry data between next-generation AI accelerators both within and between

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