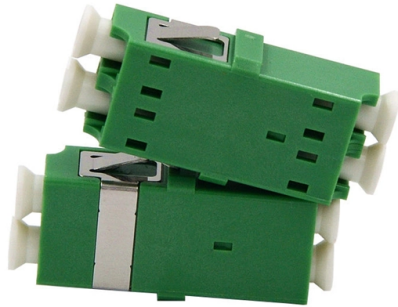


New Coherent Optical Module



Overview

At OFC 2026, Coherent will show off several new breakthroughs in co-packaged optics. 4T (32×200G) socketed CPO built on silicon photonics, paired with Coherent's External Laser Source (ELS) module that uses high-power InP continuous-wave lasers. SAXONBURG, PA, March 17, 2026 (GLOBE NEWSWIRE) – Coherent Corp. (NYSE: COHR), a global leader in photonics, today announced that it will showcase a comprehensive portfolio of next-generation pluggable optical technologies at OFC 2026, spanning 1. 2T, and emerging architectures for 12. 8T and. They're rolling out a lineup of co-packaged optics (CPO) demos that cover silicon photonics, indium phosphide (InP) lasers, VCSELs, and some pretty advanced packaging tricks. This post gives you a quick rundown of the announcements, what you might see at Booth 1401, and why these demos could shake. PITTSBURGH, Sept. used its OFC 2026 investor presentation to raise its co-packaged optics (CPO) serviceable addressable market (SAM) to \$15 billion, double its optical circuit switch (OCS) SAM to \$4 billion, and introduce a \$2 billion thermal management SAM, bringing its combined growth segment.



Article Content

800G Coherent Pluggable Shipments to Exceed \$1B Revenue in 2026

Hyperscalers, led by Meta, are adopting 800ZR+ modules to interconnect geographically distributed data centers using IP-over-DWDM. The price, power, and performance of Gen120C optics

Coherent Showcases Next-Generation Optical Innovations at ECOC

External Laser Source Module for CPO This demo showcases Coherent's ELSFP compliant module integrating eight high-power 1310 nm lasers, with exceptional wavelength accuracy

Coherent Q2 FY 2026: AI Datacenter Demand Lifts

Futurum Research analyzes Coherent's Q2 FY 2026 results, highlighting AI datacenter optics demand, 6-inch indium phosphide capacity

Coherent's \$23B Opportunity Lifted by NVIDIA's Optical Ambitions

Coherent's market on track to reach \$23 billion as NVIDIA's Spectrum-6 and Kyber drive structural demand for co-packaged optics components.

800GbE Optics Shipments to Grow 60% in 2025

The datacom optical component market will grow 60%+ to reach over \$16B in revenue during 2025, based primarily on continued growth in 400G and

AI Drives Doubling of 800G Optical Transceiver Shipments in 2025

In this context, shipments of 800G ZR/ZR+ modules are forecast to exceed 200,000 ports by 2026, with 1.6T ZR/ZR+ modules expected to emerge between 2027 and 2028. The coherent optics market is

Coherent to Demonstrate 1.6T-DR8 and 800G-DR4 Transceivers at

Sept. 23, 2024. Coherent announces the demonstration of two advanced transceiver modules at the European Conference on Optical Communication (ECOC) 2024, set to take place in Frankfurt,

The Future of Telecommunications: Next-Generation

Are you curious about the next-generation coherent modules and how they are shaping the future of telecommunications? Join me as we dive into the

Coherent Showcases Next-Generation Optical

Coherent Corp. will showcase its latest innovations in next-generation optical communications at ECOC 2025, taking place Sept. 29-Oct.1 at

QSFP-DD Product Family » Acacia

Bright 400ZR+ QSFP-DD Pluggable Coherent Optical Module Metro/regional | Service provider ROADM networks Key Features High optical transmitter output

Coherent Demonstrates Technologies for Next-Generation Pluggable ...

Coherent will showcase a comprehensive portfolio of next-generation pluggable optical technologies at OFC 2026, spanning 1.6T, 3.2T, and emerging architectures for 12.8T and beyond.

Coherent to Demonstrate a Broad Portfolio of Innovative ...

First in the market to feature both C- and L-band wavelengths, Coherent 800G DCO transceivers offer high optical output power, leveraging the 140 Gbaud IC-TROSA-integrated

Marvell Announces Acquisition of Polariton Technologies ...

Marvell Technology, Inc., a leader in data infrastructure semiconductor solutions, today announced the acquisition of Polariton Technologies, a developer of high-speed, low-power plasmonics-based

Coherent Showcases Next-Generation Optical Innovations at

Leveraging Coherent's state-of-the-art glass molding platform, the new 2D lens array enables wafer-level manufacturing that delivers unprecedented uniformity, higher bandwidth, and lower cost in multi

Which Optics Stock Has Dominated in 2026: Applied Optoelectronics ...

Optical connectivity has emerged as one of the critical bottlenecks for AI data center buildouts, where Applied Optoelectronics, Lumentum, and Coherent compete.

Optical Component Revenue Reaches Nearly \$25B in

BOSTON (January 7, 2026) – AI-driven datacenter and transport builds will push the optical components market revenue to a record high in 2025, with datacom

Coherent (COHR) Q3 2026 Earnings Transcript

Coherent (COHR) Q3 2026 Earnings Transcript DATE Wednesday, May 6, 2026 at 4:30 p.m. ET CALL PARTICIPANTS President and Chief Executive Officer — James Robert Anderson

Silicon Photonics Based 1.6T Transceiver Modules

Mar. 31, 2025. Coherent will show a live demonstration of its silicon photonics-based 1.6T-DR8 transceiver module using a Marvell® Ara 3nm optical digital signal

NVIDIA and Coherent Announce Strategic Partnership

NVIDIA and Coherent Corp. (NYSE: COHR) today announced a multiyear strategic agreement to advance the frontier of advanced optics

Coherent optical module

Coherent optical module refers to a typically hot-pluggable coherent optical transceiver that uses coherent modulation (BPSK / QPSK / QAM) rather than amplitude modulation (RZ/ NRZ / PAM4) and

Coherent Optical Modules: A Revolutionary Technology

Coherent optical modules are emerging as the core connectivity foundation of the AI era. From the proven stability of 400G to the innovation of

Coherent Lumentum stocks continues surge: how high can the AI

Coherent, Lumentum rally as AI data-center demand accelerates. Optical networking stocks surge amid AI infrastructure boom. BofA raises Coherent target as AI transceiver demand grows.

Nvidia invests \$4B in Lumentum and Coherent to

Nvidia doubles down on AI infrastructure with \$4B photonics investment Lumentum builds optical and photonic components used in the

Coherent Announces Industry's First L-band 800G

These modules enable coherent interfaces directly on routers and switches, eliminating the need for additional optical equipment, thus reducing costs by

Optical Module Chip Market 2025

The optical module chip market exhibits a fragmented yet competitive structure with global technology providers, semiconductor manufacturers, and specialized

1.6T Optical Module Market Report: Trends and Growth

Discover the booming 1.6T optical module market poised for explosive growth through 2033. This in-depth analysis reveals market size, CAGR, key

Coherent Showcases Multiple Co-Packaged Optics (CPO)

Table of Contents Coherent's OFC 2026 Demonstrations: What to Expect At OFC 2026, Coherent will show off several new breakthroughs in co-packaged optics. One highlight is a 6.4T

Nvidia invests \$4B in co-packaged optics suppliers Lumentum ...

Nvidia Corp. today announced plans to invest in Lumentum Holdings Inc. and Coherent Corp., two publicly traded suppliers of optical networking equipment. Each company is set to receive

Contact Us

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