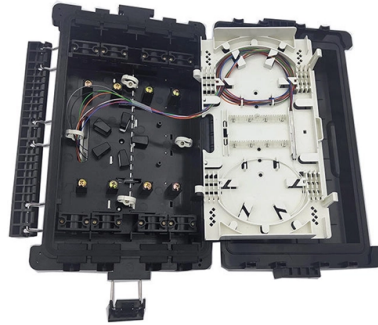


Optical modules saw explosive growth in the first quarter



Overview

Hyperscale network operator demand drove purchases of 400GbE and 800GbE datacom and 400ZR telecom optical modules to record levels, according to the 1Q24 Optical Components Report from research firm Cignal AI. 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 revenue forecast to exceed \$18 billion and coherent module revenue to reach nearly \$6 billion, according to research firm Cignal AI's Optical. A research company reported that in the first quarter of 2024, 400GbE and 800GbE module shipments increased by more than 25% month-on-month. Shipments of telecom optical modules increased by more than 35% compared to last year, mainly because of growth in 400G products. Well over 3 million high-speed datacom modules were shipped this quarter in support of AI. Recently, industry insiders reported that Nvidia will increase its order volume for 800G optical modules in 2026, with an expected increase of 35%. During the National Day holiday, the mutual investment among American tech giants, with a spiraling ascent on both feet, has also brought tangible. Several listed companies reported a net profit growth of over 100% in the first three quarters. For example, Shijia Photons' net profit attributable to shareholders in the first three quarters was 300 million yuan, a year-on-year increase of 727.

Article Content

Optical Modules Market Research Report 2034

The optical modules industry is undergoing a decisive technology inflection driven by several concurrent forces. First, the explosive growth of generative AI and large

Demand for datacom optical modules reaches record

Well over three million high-speed datacom modules were shipped this quarter in support of AI cluster interconnect and traditional computing

Powering the Next Data Race: How 800G & 1.6T Optical

In summary, the surging demand for 800G and 1.6T optical modules—driven by AI computing clusters, hyperscale data centers, and next-generation cloud

The demand for optical modules has increased, and leading

As of October 27, in the A-share CPO concept sector, 12 listed companies have disclosed their Q3 2025 reports, with 9 optical module companies showing growth in net profit attributable to shareholders in

800G Optical Modules Drive Market Recovery in 2025

According to the latest June 2025 Quarterly Market Update by renowned research firm LightCounting, the global optical transceiver market is set

Optical Module Market Growth Driven by AI Demand

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

Lumentum's AI Bottleneck Era Begins

Lumentum's 90% revenue surge and strong margins show AI photonics demand.

Nvidia Orders Surge: InnoLight and Eoptolink Dominate

Thanks to the explosive growth in demand from AI data centers, all optical module manufacturers have experienced a breakout in their performance

800GbE Optics Shipments to Grow 60% in 2025

BOSTON (May 7, 2025) – After explosive growth in 2024, 800G Datacom optics for AI and general computing applications will be the fastest growing segment of the

China Optical Module Stocks Split After 2026 Q1 Earnings

China's optical module rally is splitting after 2025 annual reports and 2026 first-quarter results showed a sharp divide between companies still beating market expectations and those

Optical Module Industry Statistics 2026

Worldmetrics REPORT 2026 Electronics And Gadgets Optical Module Industry Statistics Data centers will keep dominating optical module demand as AI and cloud drive revenue growth through 2030.

Optical Modules Market Size, Share, Industry Growth Analysis Report ...

Optical Modules Market - Significant Industry Insights This research report is a meticulous assessment of the optical modules industry, which contains a complete overview. With respect to distinct regions

Hyperscaler demands drive up demand for optical

The research firm said the telecom optical module shipment growth was concentrated in 400G coherent pluggables, up more than 35% yearly. Marvell

Optical Module Package Market 2025

The global optical module package market is experiencing robust growth due to the exponential increase in data traffic across telecommunications and data center networks.

Optical Modules Market Size, Growth Trends & Forecast

Access detailed insights on the Optical Modules Market, forecasted to rise from USD 3.5 billion in 2024 to USD 8.2 billion by 2033, at a CAGR of 10.3%.

The global Optical Modules market size will be USD

The global Optical Modules market size was USD 9425.5 million in 2024. Data center expansion is expected to boost sales to USD 23876.30539 million by 2031, with a

Datacom optical modules demand reaches record levels – Cignal AI

Hyperscale network operator demand drove purchases of 400GbE and 800GbE datacom and 400ZR telecom optical modules to record levels, according to the 1Q24 Optical Components

Optical Modules Market Size, Trends & Forecast 2025-2035 | Core

Discover Optical Modules Market trends, growth analysis, key segments, and regional insights. Forecast 2025-2035. Explore industry opportunities now!

1Q24 High-speed Datacom Optical Module Shipments

A research company reported that in the first quarter of 2024, 400GbE and 800GbE module shipments increased by more than 25% month-on-month.

Optical Module Stocks Surge Over 6% as 1.6T Era Begins

Driven by accelerating AI infrastructure demand, key optical module stocks like InnoLight and Eoptolink surged after a Huatai Securities report confirmed 1.6T modules have entered

Demand for Datacom Optical Modules Reaches Record

Spending on Datacom optical components was up more than 90% YoY as AI applications of 400GbE and 800GbE optical modules for AI

Optical Component Revenue Reaches Nearly \$25B in

“More than 10M 400G+ Datacom optical modules shipped last quarter for the first time, breaking \$5B in revenue,” said Scott Wilkinson, Lead Analyst at

Optical Module DSP Chip Market Expansion: Growth Outlook 2026-2034

The optical module DSP chip market is booming, projected to reach \$364 million in 2025 with a 6.8% CAGR. Driven by 5G, cloud computing, and high-speed data transmission needs, key players like

800GbE Optics Shipments to Grow 60% in 2025

“Hyperscale operator deployment of optics for connectivity both inside and between datacenter will continue to grow dramatically in 2025, although at

Datacom leads significant optical component revenue

After the usual first quarter sequential slippage, optical component sales showed steady growth in 2021, according to Signal AI.

Active Optical Module Market Report | Global Forecast From 2025 To

The global active optical module market size is poised to grow significantly from USD 3.5 billion in 2023 to an estimated USD 10.8 billion by 2032, reflecting a compound annual growth rate (CAGR) of 13%.

The Optical Module Market Will Begin To Recover In

In the fourth quarter of 2023, NVIDIA's demand for 4x100G and 8x100G optical modules had a significant impact on the revenue of the two optical

Understanding Optics Module Trends and Growth Dynamics

The optics module market is booming, projected to reach \$42 billion by 2033, driven by 5G, cloud computing, and data center expansion. Learn about key market trends, leading companies, and

AI Deployment Accelerates 800GbE Optical Growth

Coherent optics growth is healthy but Telecom component market remains in doldrums BOSTON (April 22, 2024) – Datacom optical component

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