

Orders for optical modules



AI Overview

Optical module companies are experiencing record-high orders, driven by AI data center demand, with major players like Samsung, InnoLight, Eoptolink, and Lumentum fully booked through 2028. Key Orders and Companies Samsung Foundry has secured orders from a leading optical communication module provider and plans to begin mass production in the second half of 2026, focusing on silicon photonics and co-packaged optics (CPO) for AI data centers. Their production readiness includes a 300mm wafer platform and photonic integrated circuits (PICs), with turnkey CPO services expected by 2029. Nvidia is significantly increasing its 800G optical module orders in 2026, with a projected 35% growth. InnoLight and Eoptolink capture 60% of these orders, while the remaining 40% is split among U.S. vendors like Coherent, Lumentum, and Broadcom. Eoptolink shipped approximately 4.17 million 800G modules in the first half of 2026, driving revenue growth, while InnoLight shipped around 4.7 million units, with silicon photonics solutions rising to 60% of revenue. Chinese manufacturers are fully booked through 2028 due to global AI hardware demand. Export volumes of optical modules rose roughly 30% in Q1 2026, with high-demand products like 1.6T modules costing around \$1,000 per unit. Chinese companies control over 70% of the global optical module market and 60% of optical fibers. Lumentum also reports orders booked through 2028, driven by U.S. AI data center demand and Nvidia's \$2 billion strategic investment. The company faces supply constraints despite expanding production, reflecting the high growth and competitive nature of the optical module market.

Industry Overview The optical module industry is central to AI infrastructure, as traditional copper transmission cannot meet the bandwidth requirements of next-generation data centers. Co-packaged optics (CPO) and high-speed modules (800G–1.6T) are increasingly critical, with penetration in AI data centers expected to reach 35% by 2030. The industry c...

Article Content

Key Differences Of 100G, 400G, And 800G Explained

optical modules with different rates have been launched one after another, among which 100G, 400G and 800G optical modules have become the

Optical Modules' Overseas Expansion: Southeast Asia as a Key

AI orders drive the southward shift of the optical module industry. Optical modules are becoming one of the hottest businesses in AI infrastructure. This growth is directly reflected in the

SCHMID Group books over €26M in AI, optical orders | SHMD Stock

SCHMID Group (NASDAQ: SHMD) reported order intake of more than €26 million since mid-May 2026, mainly for InfinityLine equipment used in AI infrastructure and optical module supply

Optical Module Procurement Guide

Optical Module Procurement guide to pricing trends, OEM vs aftermarket insights, and strategic buying tactics to optimize costs, reliability, and total ownership.

Google places additional order for 1.6T optical modules ...

If the market rumors of "additional orders + lock-in until 2027" are true, it means that shipments of 1.6T optical modules from Google alone could reach 8-10 million units in the next two

Aehr Receives Follow-On Order for Fully Automated

CEO Commentary "This follow-on order further validates the accelerating adoption of the FOX wafer-level burn-in (WLBI) platform for silicon

QSFP28 Optical Transceiver Modules for Sale (100G) | Cables on

QSFP28 Optical Transceiver Modules (100G-SR/LR) Buy 100G QSFP28 Optical Transceiver Modules by Amphenol XGIGA Factory-Direct at Cables on Demand in 100GBASE-SR4 (Short-Range

Zhongji Innolight Q1 profit surges 262% on strong AI-driven demand

On May 15, 2026, management for optical module manufacturer Zhongji Innolight confirmed in an investor Q& A that orders and shipments for its high-end 800G/1.6T optical modules are continuously

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.

ATW Announces Bulk Repeat Order for Optical Module AOI ...

The order covers our BM316A (WB) and BM316B (DA) optical module AOI systems, together forming a comprehensive inline inspection solution covering key stages of the optical

Ciena Earnings Ignite AI Optical Interconnect Revaluation: How Data ...

Analyze how the demand for optical interconnects in AI data centers is reshaping the valuation logic of computing infrastructure. Identify potentially undervalued optical network assets

Lumentum

Lumentum is a global leader in optical and photonic technologies that power the networks and infrastructure behind AI, cloud computing, and next-generation communications. Built on

FS Transceivers | Premium Optical Transceivers

FS Transceivers offers high-performance optical transceivers, fiber optic modules, and data center connectivity solutions. Compatible with Cisco, Arista, Juniper.

EDGE Optical Solutions | Optical Transceivers, DACs, xWDM

Compatible optical transceivers, DACs, and passive xWDM systems for data centers, mobile, metro ethernet, and transmission networks.

POET Technologies Receives \$5 Million Production Order for 800G Optical ...

POET is a design and development company offering high-speed optical modules, optical engines and light source products to the artificial intelligence systems market and to hyperscale data

Economic Watch: From optical modules to chips

BEIJING, June 7 (Xinhua) -- With the global push for AI computing power unleashing an unprecedented wave of infrastructure buildout, China-made

Samsung Foundry Reportedly Wins Optical Module Order,

Samsung Foundry is reportedly stepping up its silicon photonics efforts. According to ZDNet, the company said in its 1Q26 earnings release that its foundry has secured orders from a

Co-Packaged Optics (CPO) 2026: Complete Technical

CPO switches are shipping in 2026. Learn how co-packaged optics work, which platforms are live, power savings vs pluggable, and what optics you

Optical Module Package Market 2025

This market research report provides a comprehensive analysis of the global and regional Optical Module Package markets, covering the forecast period 2025–2032.

Lumentum's AI Optics Backlog Reshapes Growth Outlook And Risk

NasdaqGS:LITE Earnings & Revenue Growth as at Feb 2026 Lumentum's record optical circuit switch backlog of more than US\$400m, largely tied to shipments expected in the second half

Economic Watch: From optical modules to chips -

Export orders for optical modules have stretched into 2028. Behind these figures lies a deeper shift: China is no longer just participating in the AI supply chain, but offers a supply chain that

Optical Transceiver Market Size, Growth Drivers | Industry Report 2031

The Optical Transceiver Market worth USD 15.42 billion in 2026 is growing at a CAGR of 13.67% to reach USD 29.26 billion by 2031. Coherent Corp., Lumentum Holdings, Broadcom Inc.,

Nvidia Orders Surge: InnoLight and Eoptolink Dominate

AI-driven data center demand propels optical module growth, with Nvidia's 800G orders dominating, pushing market value beyond \$12 billion by 2025.

Contact Us

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

Website: <https://adikor.eu>

Email: info@adikor.eu

Phone: +33 6 48 37 92 15

Address: 12 Rue de la Paix, 75002 Paris, France

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