

CPO optical module shipment ranking



AI Overview

Broadcom, Intel, and Cisco are among the leading companies in Co-Packaged Optics (CPO) module shipments, dominating the global market with significant investments in AI, cloud, and data center applications.

Market Overview The global CPO module market is experiencing rapid growth, driven by the need for higher bandwidth, lower latency, and energy-efficient data transmission in data centers and high-performance computing (HPC) environments. The market was valued at approximately \$44.6–45.9 million in 2024 and is projected to reach \$947 million to \$1.236 billion by 2031, reflecting a CAGR of 41.9–49% during 2025–2031. By 2025, some estimates place the market at \$13.31 billion, with a long-term forecast reaching \$21.99 billion by 2033, driven by AI, cloud computing, and HPC expansion.

Leading Companies and Rankings Based on recent market analyses, the top CPO module companies include:

- Broadcom:** A major player in silicon photonics and CPO integration, focusing on data center switches and HPC applications.
- Intel:** Actively developing standardized CPO modules and integrating optical engines with compute chips for AI/ML workloads.
- Cisco:** Leveraging CPO technology to enhance power efficiency and data transmission speeds in enterprise and cloud networks.

Other notable companies: Google, Amazon, Microsoft, Meta, and industry collaborators like OIF (Optical Internetworking Forum) and Open Compute Project (OCP) are exploring CPO adoption and standardization. These companies are ranked based on market share, shipment volumes, and strategic investments in research and development, with Broadcom, Intel, and Cisco consistently leading in global CPO deployments.

Regional Insights North America currently dominates the CPO market due to a high concentration of technology firms and advanced data center infrastructure. Asia-Pacific is expected to experience rapid growth, fueled by investments in digital infrastructure, cloud adoption, and HPC expansion. Europe and other regions are gr...

Article Content

Optical Module Market Analysis And Forecast In 2026--ETU-LINK

AI computing power has driven explosive growth in the optical module market, with 800G and 1.6T technologies leading the industry transformation. Chinese companies occupy a dominant

Co-Packaged Optics Module (CPO)

The Co-Packaged Optics Module (CPO) market size, estimations, and forecasts are provided in terms of sales revenue (\$ millions), considering 2024 as the base year, with history and

Co-Packaged Optics Module (CPO)

Co-Packaged Optics (CPO) is an advanced heterogeneous integration of optics and silicon on a single packaged substrate aimed at addressing next generation bandwidth and power

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Global Co-packaged Optical (CPO) Modules Market Research Report

The global market for Co-packaged Optical (CPO) Modules was valued at US\$ 44.6 million in the year 2024 and is projected to reach a revised size of US\$ 960 million by 2031, growing at a CAGR of

Co-Packaged Optics (CPO) 2025-2035: Technologies,

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

Goldman Sachs Responds to SemiAnalysis" Stock Market Plunge

On CPO specifically, Morgan Stanley's view lines up closely with SemiAnalysis: the firm projects global optical engine shipments will hit just 6-7 million units in 2027, far below the market's

Optical Transceiver Market Size, Growth Drivers

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

Co-Packaged Optics (CPO) 2025-2035: Technologies, Market

Central to the report is the recognition of advanced semiconductor packaging (2.5D & 3D) as the cornerstone of co-packaged optics technology. IDTechEx places significant emphasis on

Co-Packaged Optics Market Size, Share and Growth Analysis

Co-packaged optics (CPO) is a technology that combines optical transceivers directly with electronic chips or application-specific integrated circuits (ASICs) within a single package.

Co-Packaged Optics Module (CPO)

The global market for Co-Packaged Optics Module (CPO) was estimated to be worth US\$ 44.6 million in 2024 and is forecast to a readjusted size of US\$ 1236 million by 2031 with a CAGR of

I remain bullish on AAOI and the CPO chart is the clearest picture of ...

AAOI's vertical integration, manufacturing its own laser chips, optical components and modules under one roof is precisely the capability required to compete in CPO, where co-design

Co-Packaged Optics Module (CPO) Research:CAGR of 44.0% during

Global Co-Packaged Optics Module (CPO) Top 6 Players Ranking and Market Share (Ranking is based on the revenue of 2024, continually updated) Above data is based on report from

LightCounting :: A resurgence in CPO development

Co-Packaged Optics (CPO) may be the only option to provide for tens of thousands of high-speed interconnects in a 4-8 rack system. Our latest forecast for CPO offers an estimate for shipments of

Global Market Research Report on Co-Packaged Optics (CPO) Modules

According to the latest report by the QYResearch research team, "Co-Packaged Optics (CPO) - Global Market Share and Ranking, Overall Sales and Demand Forecast, 2026-2032", the

Powering the Future: Inside China's Hard-Tech Revolution —

China's hard-tech sector is entering a new phase of structural growth, driven by AI adoption, semiconductor localization, and strong policy support. Domestic hard-tech leaders across

Chinese Optical Modules Own 7 of the Top 10 Seats. So Why Are

Innolight and Eoptolink are estimated by industry sources to supply roughly 60% of NVIDIA's 800G volume, controlling the critical plumbing of AI data center optical interconnects. Yet

Optical Components

Detailed unit shipment forecasts for each Datacom and Telecom optical module category. No market share for detailed unit shipments is provided;

Co Packaged Optics (CPO) – Scaling with Light for the

Co-Packaged Optics (CPO) has long promised to transform datacenter connectivity, but it has taken a long time for the technology to come to market,

LightCounting: The CPO industry chain is thriving

Of course, traditional pluggable optical modules will not disappear, and shipments of 800G and higher speed optical modules are expected to triple between 2025 and 2030. It's worth

Unstoppable Surge in AI Infrastructure Orders: Global Computing ...

Each CPO optical engine carries a supporting value of CNY 50,000–80,000, growing in tandem with full-system shipments. Overseas cloud vendors continuously place multi-year framework

Optical Module Chip Market 2025

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

Ranking of Optical Module Chips | Weyland

Tier 4: Optical Module Integrators (System Leaders) These companies dominate global 800G shipment volume, but do not fully control core optical chip technologies.

LightCounting :: Updated forecast for sales of Ethernet transceivers ...

It includes historical shipment data and forecasts for units, prices, and sales of these products to each of the three main market segments: Cloud data centers, Enterprise and Telecom networks.

Optical Module Package Market 2025

Optical Module Package Market was valued at 8942 million in 2024 and is projected to reach US\$ 20220 million by 2032, at a CAGR of 12.7%

Contact Us

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

Website: <https://www.tomor.eu>

Email: info@tomor.eu

Phone: +49 69 2381 5497

Address: Am Hauptbahnhof 10, 60329 Frankfurt am Main, Germany

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