

Latest valuation of optical modules



AI Overview

The global optical module market is currently valued at approximately USD 9.5–12.7 billion in 2026, with strong growth driven by AI, 5G, and data center demand. Market Size and Growth The optical transceiver module market is projected to reach USD 9.51 billion in 2026, growing from USD 8.9 billion in 2025, and is expected to expand to USD 17.93 billion by 2035 at a CAGR of 6.5%. Goldman Sachs estimates the total market value of optical modules to reach USD 12.73 billion in 2025 and USD 19.37 billion in 2026, reflecting strong year-on-year growth fueled by high-speed networking and AI infrastructure. Another source projects the broader optical transceiver market at USD 17.15 billion in 2026, with a long-term growth trajectory to USD 46.12 billion by 2034 at a CAGR of 17%.

Key Drivers

- AI and High-Performance Computing:** The increasing ratio of GPUs and ASICs to optical transceivers in AI clusters is driving demand for 800G and 1.6T modules.
- 5G Deployment:** Rapid 5G rollout, particularly in Asia-Pacific, is expanding the need for high-speed optical modules in telecom networks.
- Data Centers and Cloud Computing:** Growth in cloud services, IoT, and enterprise networking is boosting demand for high-bandwidth optical transceivers.
- Technological Advancements:** Adoption of 400G, 800G, and co-packaged optics (CPO) modules is increasing efficiency and scalability in networks.
- Regional Insights** China dominates the optical module market, with seven of the top ten global vendors and a combined market share exceeding 60%. Leading companies like Zhongji InnoLight hold over 40% of the global 800G market and 50–70% of the 1.6T segment. North America accounted for 35.9% of the global market in 2025, driven by data center and telecom infrastructure.
- Pricing Trends** Export prices for Chinese optical modules have risen 23% year-on-year in early 2026, reflecting strong demand and supply chain constraints. High-end modules like 1.6T transceivers are entering mass production, further increasing market valuation...

Article Content

Optical Modules Market Analysis 2026

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

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Optical Module Industry Statistics 2026

Our in-depth market data report on Optical Module Industry. Explore verified statistics and the latest research.

Optical Modules Market Size, Growth Trends & Forecast

Emerging innovations, including silicon photonics, integrated photonic chips, and coherent optics, are transforming the landscape of optical

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

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Optical Modules Market Size, Growth Trends & Forecast

Optical Modules Market size was valued at USD 3.5 billion in 2025 & is estimated to reach USD 8.2 billion by 2034, exhibiting a CAGR of 10.3%from

Optical Transceiver Market Size, Share, Trends

The global optical transceiver market size is projected to grow from \$17.15 billion in 2026 to \$46.12 billion by 2034, exhibiting a CAGR of 17.00%

Google's High-Speed Interconnect Architecture to Push

Google's next-generation TPU, Ironwood, integrates a 3D Torus network topology with the Apollo optical circuit switch (OCS) all-optical network,

Active Optical Module Market 2025

This market research report provides a comprehensive analysis of the global Active Optical Module market, covering the forecast period 2024-2032. It offers detailed insights into market dynamics,

NVIDIA Strategic Investments in Optical Interconnects

NVIDIA's optical investments reinforce its position as a full-stack AI infrastructure provider rather than as a solely compute-accelerator vendor. The

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See the latest Sunny Optical Technology (Group) Co Ltd stock price (02382:XHKG), related news, valuation, dividends and more to help you make

Goldman Sachs: AI chip ratio increases, optical module ...

Goldman Sachs has significantly raised its forecast for 800G optical transceiver module sales in 2025 and 2026 to 19.9 million and 33.5 million units, an increase of 10% and 58%,

Corning Earnings 2025 Annual | GLW News & Analysis

Corning achieved its 2026 profitability targets a year early, driven by a 71% surge in Optical Communications net income fueled by generative AI demand. While gross margins expanded to

Sunny Optical Technology (Group) (SEHK:2382) Stock After Index

Sunny Optical Technology (Group) (SEHK:2382) has been removed from the Hang Seng China Enterprises Index. This change can affect index-tracking flows and how some institutional

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

The global optical modules market is projected to reach a valuation of approximately USD 20 billion by 2035, with a compound annual growth rate (CAGR) of around 12% during the forecast period from

Global AI Optical Transceiver Market to Reach US\$26

TrendForce's latest research indicates that the global market for AI-focused optical transceivers has entered a phase of rapid growth, with market

Industrial digital micromirror devices (DMDs) | TI

Investigate the right chipset for your application, quickly prototype your design with an evaluation module, download the latest available software, select an optical module maker, solve your design

Coherent Confronts China Chip Material Limits As Valuation And

Coherent (NYSE:COHR) is dealing with rising supply chain risks as China tightens export controls on indium phosphide, a key material for AI optical chips. CEO Jim Anderson has joined a

Optical Modules Market Research Report 2034

The optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, growing at a CAGR of 11.5%.

Top 10 Optical Module Manufacturers' Annual Reports ...

By 2025, its 800G optical module shipments will exceed 5 million units, making it the global "shipment champion" in the optical module industry, demonstrating significant economies of

Market Research Reports & Industry Insights | 2007-Present

Our research indicates that demand for 400G/800G and even 1.6T optical modules for cloud data centers and AI training clusters has been accelerating over the past two years, with the

Microsoft 365 Roadmap | Microsoft 365

The Microsoft 365 Roadmap lists updates that are currently planned for applicable subscribers. Check here for more information on the status of new features and

Optical Module Market Size, Competitors & Forecast to

The Optical Module Market, valued at USD 30.01B in 2026, is projected to reach USD 66.94B by 2032, growing at a 14.1% CAGR.

Optical Module Chip Market 2025

This market research report provides a comprehensive analysis of the global and regional Optical Module Chip markets, covering the forecast period 2025-2032. It offers detailed insights into market

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