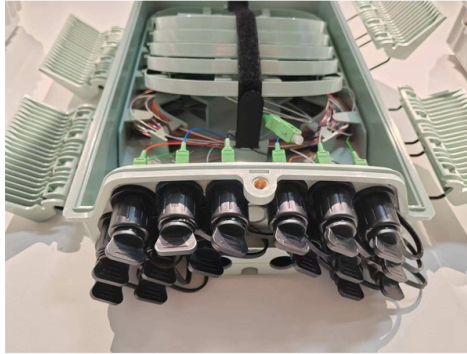


10G optical module shipment volume



AI Overview

In 2025, 10G optical modules accounted for approximately 40% of global optical transceiver shipments, with total shipments projected at around 12.8 million units. Shipment Overview Global optical transceiver shipments surged from 20.4 million units in 2024 to 31.9 million units in 2025, representing a 56.5% year-over-year increase. Within this total, the 10G series comprised 40% of the volume, primarily driven by legacy network upgrades, 5G PON deployments, and enterprise data center expansions (resulting in roughly 12.8 million 10G units). The remaining volumes were dominated by higher-speed modules, including 400G and 800G variants, which together accounted for 30% of shipments. Market Drivers The growth in 10G module shipments is fueled by several factors: 5G Network Rollout: Over 2.5 million new 5G base stations were activated globally in 2025, increasing demand for 10G and 25G optical links for front-haul and mid-haul connections. Data Center Expansion: Hyperscale cloud providers such as AWS, Microsoft Azure, and Alibaba Cloud are deploying AI training clusters, which require high-density optical interconnects. While 400G and 800G modules dominate new GPU cluster deployments, 10G modules remain critical for legacy and edge infrastructure. Cost and Availability: 10G modules benefit from lower unit costs and widespread compatibility, making them attractive for incremental network upgrades and enterprise deployments. Regional Distribution China: Over 30% of 10G shipments, supported by state-backed 5G and data center initiatives. North America: Approximately 25%, driven by AI and cloud infrastructure investments. Europe: Around 20%, with industrial 5G and enterprise network upgrades contributing. Emerging Markets: India, Brazil, and other regions accounted for 15%, primarily through fiber-to-the-home and metro network expansions. Outlook While the market is increasingly shifting toward higher-speed modules (100G, 400G, 800G), 10G opti...

Article Content

Global 10G SFP+ Optical Module Market Research Report 2026

The 10G SFP+ Optical Module market size, estimates, and forecasts are provided in terms of shipments (K Units) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for

LightCounting :: April 2025 Market Forecast

This report provides a detailed market demand forecast through 2030 for optical transceivers and a few related products used in Ethernet, CWDM/DWDM,

Optical Transceiver Market Size, Growth Drivers

The optical transceiver market for modules above 400 Gbps is on track for a 14.69% CAGR, aided by IEEE 802.3df and the forthcoming 802.3dj

Optical Components

Optical Components Report Report Overview: Provides quarterly corporate revenue market share by end-market segment and quarterly shipment

Over 20 Million 400G & 800G Datacom Optical Module

Unit shipments of 400G and 800G modules have grown nearly fourfold over the past 12 months and are expected to surpass 20 million for 2024.

Optical Transceiver Market Size & YoY Growth Rate,

Optical Transceiver Market valuation is estimated to reach USD 15.96 Bn in 2026 and is anticipated to grow to USD 36.18 Bn by 2033, with

Optical Components

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

Nvidia Invests \$4 Billion in CPO: The Next Stop for AI

Nvidia remains a pioneer in Scale-out CPO. Optical engine shipments are projected to reach 600,000 to 1 million units in 2026, with switch shipments around 23,000

Upgrade from SFP+ to SFP28 - When Is the Switch Worth It?

The switch is worth it only if the surrounding hardware supports it. SFP28 modules require SFP28-capable ports. An SFP+ module may work in many SFP28 ports at 10G, depending on the switch

AOC, DAC, Fiber Optic Transceivers | One-Stop Shop

Online shopping. w/24h-delivery, 7Days & Refund Guarantee. CE, RoHS and ISO9001 Certified. SFP+ Cables, QSFP+ Cables, MiniSAS Cables, XFP Cables,

800GbE optics shipments to grow 60% in 2025 – report

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

2025 Optical Transceiver Shipments Surge 56.5% | Data Centers

The 10G series alone—vital for legacy upgrades and 5G PON—will comprise 40% of volumes, while 400G+ modules claim 30%. This data, drawn from industry forecasts, highlights a market maturing

Optical Transceiver Market Size, Share, Analysis 2030

The global Optical Transceiver Market size in terms of revenue was estimated to be worth \$13.6 billion in 2024 and is poised to reach \$25.0 billion by 2029, growing at a CAGR of 13.0% during the forecast

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,

800G Optical Modules Drive Market Recovery in 2025

Meanwhile, Signal AI's Optical Components Report reinforces this outlook, predicting that 800G modules will see a 60% year-over-year increase in

Global 10G X2 Optical Module Supply, Demand and Key Producers,

The global 10G X2 Optical Module market size is expected to reach \$ 529 million by 2031, rising at a market growth of 11.7% CAGR during the forecast period (2025-2031).

10G SFP+ Single Fiber Optical Module Market Size, Volume, Revenue ...

The report comprehensively analyzes global 10G SFP+ Single Fiber Optical Module market trends, competitive landscape, and growth opportunities from 2021 to 2032, covering multi

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%

Optical Transceiver Market Size, Share, Trends

For instance, In 2021, Marvell and OE Solutions collaborated to offer the 100G coherent QSFP-DD optical transceiver module for 5G backhaul and

Optical Transceiver Market Size, Share, Industry Report

They are cost-effective, and their compatibility with the installed switching equipment is high sustaining high shipment volumes mainly in telecom and enterprise

Contact Us

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

Website: <https://www.sabineamsee.co.za>

Email: info@sabineamsee.co.za

Phone: +27 82 415 6793

Address: Unit 7, Innovation Park, 34 Electron Road, Kempton Park, 1620,
South Africa

This document is for informational purposes only. Specifications subject to change without notice.

