

How are the sales of 800g optical modules



Overview

The global 800G optical module market was valued at \$4.8 billion in 2025 and is projected to reach \$28.1 billion during the forecast period from 2026 to 2034, driven by the rapid acceleration of artificial intelligence. **NEW · LIVE DASHBOARD** This report is now a living dashboard with 16 analysis modules, refreshed quarterly, with alerts and a what's-changed layer — every license includes 12 months of access. An 800G Optical Module refers to a high-speed optical transmission module used in data centers. After explosive growth in 2024, 800G Datacom optics for AI and general computing applications will be the fastest growing segment of the market in 2025, according to the latest Optical Components Report from research firm Signal AI. 6T optics will enter volume production in select Nvidia and. According to the latest June 2025 Quarterly Market Update by renowned research firm LightCounting, the global optical transceiver market is set to rebound in Q2 2025 with a projected 10% quarter-over-quarter growth.



Article Content

Jun 21, 2026

Market Insights: 800G & 1.6T Silicon Photonics Optical Modules

Traditional modules require additional lenses and mirrors to combine the eight laser beams into one before entering

Sep 09, 2025

800GbE Optics Shipments to Grow 60% in 2025

The datacom optical component market will grow 60%+ to reach over \$16B in revenue during 2025, based primarily

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800G Optical Transceiver Market Share | Industry Report 2035

800G Optical Transceiver Market (2026 - 2035) Analysis, Industry Outlook, Growth Drivers & Forecast Report By Product (Data

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800G Optical Transceiver Market Analysis

Explore the forecast and market dynamics surrounding 800G optical modules in 2024, including insights into Google's

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

Additionally, Research C observed that Ethernet optical module sales surpassed \$3 billion USD in Q2 2024,

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800G Optical Module Market Research Report 2034

The 800G optical module market was valued at \$4.8 billion in 2025 and is projected to reach \$28.6 billion by 2034, growing at a

May 22, 2026

The Future of 800G Optical Modules: Market Forecast and Key

The 800Gb and beyond connectivity conundrum The global demand for high-speed optical modules is accelerating,

Apr 28, 2026

800G Optical Transceiver Components Strategic Insights: Analysis

Explore the booming 800G optical transceiver component market, projected to reach \$10 billion by 2033. This in

Oct 14, 2025

800G Optical Modules Explained: Standards, Types & Use Cases

Discover everything about 800G optical modules—standards, packaging, types & applications. Learn how they power

Jan 07, 2026

The Evolution of Optical Modules: 400G → 800G → 1.6T – A Strategic ...

Why Optical Modules Matter Now Exponential Demand Growth: Shipments of 400G and 800G modules exceeded 20

Sep 16, 2025

Everything You Need to Know About 800G/1.6T Optical Transceiver

Technical Architecture of 800G/1.6T Modules Key Components: DSP, LPO Technology, and Co-Package Design The architecture of

Jan 12, 2026

LightCounting :: 800G Ethernet Transceivers will Eclipse Sales of

Several factors contributed to the increased forecast for the sale of optics to Cloud companies: Increased prospects for growth in

Sep 01, 2025

800G and 1.6 T Optical Transceivers Market's Tech Revolution ...

800G and 1.6 T Optical Transceivers Concentration & Characteristics The market for 800G and 1.6T optical transceivers exhibits a

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Global 800G Optical Module Market Size, Share, Growth Analysis ...

800G Optical Module Market size was valued at 1.5 billion USD in 2025 & is estimated to reach 5.0 billion USD by

Oct 02, 2025

Optical Components

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

Feb 15, 2026

Global 800G Optical Module Market Research Report 2025 (Status

This report offers a comprehensive and in-depth analysis of the global 800G Optical Module market, covering all

Aug 30, 2025

Optical Transceiver Market Size, Share, Industry Report – 2035

The market is projected to reach USD 15.4 billion in 2026, driven by increasing deployment of 400G and 800G optical modules, rapid

Feb 26, 2026

800G Client Optics in the Data Center

The next key development is 800G, and the industry is already gearing up to deploy this next generation of client optics in hyperscale

Nov 15, 2025

LightCounting :: Sales of 800G transceivers will return the market to ...

The sales of 400G Ethernet modules will decline as Amazon and Meta transition to higher speed modules. Sales of 400G and 800G

Jun 06, 2026

Global 800G Optical Module Market Research Report 2025 (Status

Global 800G Optical Module Market: Market Segmentation Analysis This research report provides a detailed

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Optical Transceivers for AI-Driven Growth Datacom

Ethernet optical module sales doubled year-on-year, with most of the growth driven by strong demand for 400G and

Nov 30, 2025

Optical Transceiver Market Size, Share, Industry Report – 2035

With strong in-house capabilities in optical chip design and packaging, the company delivers 100G to 800G modules and coherent

Oct 26, 2025

800G transceivers will be a second-quarter market growth driver

Meanwhile, the 400G and 800G AOC sales will also remain strong, while a rebound from a seasonally slow Q1 in sales of DWDM,

Mar 11, 2026

800G Optical Transceiver Components Market Report: Size, Growth,

800G Optical Transceiver Components Market size was projected to reach USD 32.04 Bn by 2032, growing at a CAGR of 5.44%

Jun 29, 2026

LightCounting :: Sales of optical transceivers exceeded \$3 billion in ...

Sales of Ethernet transceivers increased by 100% year-over-year. Most of the growth came from strong demand for 400G and 800G

Jul 14, 2026

LightCounting says sales of 800G transceivers will return the market

First sales of 1.6T transceivers, not shown in the chart, will also make a modest contribution to the market in Q2. The

May 10, 2026

800G Optical Module

This report aims to provide a comprehensive presentation of the global market for 800G Optical Module, focusing on

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Understanding 800G Optical Modules: Types, Applications, and

Optech: A Leader in Optical Transceivers and Network Solutions Optech, a professional optical transceiver manufacturer, provides a

Jan 07, 2026

800G Optical Module

The 800G Optical Module market size, estimations, and forecasts are provided in terms of sales volume (K Units) and

May 17, 2026

LightCounting Archives

LightCounting has said it expects 10% sequential growth in sales of optical transceivers in the current quarter, after a flat Q1. In new

Mar 19, 2026

800G Ethernet transceivers become most popular module in

Rapid development of 800G Ethernet transceivers and the necessary supporting components. Higher than expected

Nov 21, 2025

800G Optical Transceiver Market Research Report 2034

The global 800G optical transceiver market is characterized by a moderately concentrated competitive structure in which a small

Aug 04, 2025

800G Optical Modules Drive Market Recovery in 2025

Sales of AOCs, particularly 400G and 800G, remain robust. While the telecom market is not expected to recover

May 11, 2026

Global 800G Optical Transceiver Market Size, Share, Industry Trends ...

The 800G optical transceiver market represents a critical frontier in high-speed optical communication technology,

Contact Us

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