

Latest News on Optical Modules in 2021



Overview

The latest data shows that Xutron Technology and II-VI acquired Finisar, the leading optical module company, and tied for the first place in optical module market share in 2021, which is also the first time for a domestic vendor to reach the top of the list. This special issue of Optics & Photonics News highlights exciting peer-reviewed optics research that has emerged over the past year. An envisioned optical architecture for an augmented reality display using a metaform combiner (see Nikolov et al. [Illustration by Michael Osadciw, University of. WASHINGTON — The 2021 Frontiers in Optics+Laser Science (FiO LS) conference and exhibition concluded 04 November with more than 1,500 registrants from 75 countries and almost 80 technical sessions with over 650 technical presentations. This year's technical program and exhibition leveraged the. Recently, LightCounting, a well-known market research organization in the optical communication industry, released the latest issue of its market report and updated the TOP10 ranking of global optical module suppliers. Active Optical Cables (AOCs) embed optical transceiver technologies into enclosed cables that hide the high-speed optics behind two transceiver ends with an. Cloud operator capex for hyperscale datacenter expansion drove datacom optical component revenue growth by 27% to reach US\$4. 7 billion in 2021, according to Signal AI's new Optical Components Report.



Article Content

Jul 31, 2025

Spring 2021

Pluggable optical transceivers are set to remain the dominant solution for Ethernet connectivity for the next 5 years and probably for a lot longer than that.

Jun 08, 2026

POET Technologies Receives \$5 Million Production

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

Jan 13, 2026

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Mar 08, 2026

ECOC 2024: Source Photonics debuts 1.6T And 800G PAM4

Source Photonics, has announced the availability of its range of transceiver portfolio, including 1.6T and 800G optical modules/AOC/DAC based on single-lambda 200G PAM4

Apr 09, 2026

ITPro Today, Network Computing, IoT World Today combine

ITPro Today, Network Computing and IoT World Today have combined with TechTarget . The page you are looking for may no longer exist.

Dec 16, 2025

TSEM Stock Soars After Tower Semiconductor Partners

Tower Semiconductor (TSEM) shares soared 17% in Thursday's pre-market trade before paring some of the gains after the company announced a

Jul 19, 2025

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Feb 14, 2026

FiO LS 2021 Highlights Latest Developments in the Optical Sciences ...

WASHINGTON — The 2021 Frontiers in Optics+Laser Science (FiO LS) conference and exhibition concluded 04 November with more than 1,500 registrants from 75 countries and almost 80 technical

Jun 11, 2026

Optics in 2021

Feature OPEN Optics in 2021 This special issue of Optics & Photonics News highlights exciting peer-reviewed optics research that has emerged over

Jun 25, 2026

How AI Revolutionizes the Optical Module Industry

AI-driven demand fuels global optical module industry growth, with Chinese firms leading innovation and market share expansion.

Dec 14, 2025

Traction of embedded optical modules highlighted in

Embedded or integrated semiconductor optical modules are starting to gain traction, with the shipments of On-Board Optics (OBO), Near-Packaged

Jul 15, 2025

QSFP Optical Module Planning for the Future: Key Trends 2026-2034

Explore the dynamic QSFP optical module market, forecast to reach \$14.7 billion by 2025 with a 4.5% CAGR. Discover key drivers, trends, and applications in high-speed networking and data

Mar 14, 2026

Latest Ranking of Top 10 Global Optical Module Suppliers

Recently, LightCounting, a well-known market research organization in the optical communication industry, released the latest issue of its market report and updated the TOP10 ranking of global

Nov 18, 2025

OFC 2021 Concludes as Global Leaders and Industry Powerhouses

The 2021 Optical Fiber Communication Conference and Exhibition (OFC) is the premier conference and exhibition for optical communications and networking professionals.

Jul 24, 2025

Optical component revenues hit US\$4.7B in 2021 – report

Shipments of 400GbE datacom modules doubled and reached record levels in 2021, as large cloud operators and select enterprise customers

Apr 26, 2026

High Speed Cables Report and Forecast

This report also examines the product segment that embeds optical interconnect technologies inside computer and communication systems with Embedded Optical Modules (EOMs). As data rates reach

Jun 26, 2025

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,

Apr 20, 2026

Optoelectronics News

Read the latest Optoelectronics Electronic & Electrical Engineering News

Aug 16, 2025

Silicon photonics and co-packaged optics at the heart of

While linear-drive pluggable modules remain competitive, CPO is expected to offer unmatched customization and scalability, with large-scale

Oct 25, 2025

Broadcom Announces Third-Generation Co-Packaged Optics (CPO)

Broadcom's leadership in CPO began in 2021 with its first-generation Tomahawk 4-Humboldt chipset, enabling an early learning cycle across the entire CPO supply chain, well ahead of

Jul 12, 2025

The latest ranking of the TOP10 global optical module suppliers ...

The figure above illustrates the changes in the list of TOP10 optical module suppliers over the past 12 years. LightCounting pointed out that since 2018, most suppliers in Japan and the

Oct 01, 2025

POET Technologies Announces Appointment of Sandeep Kumar as

POET Technologies Inc. a leader in highly integrated optical engines and light sources for AI networks, today announced the appointment of Sandeep Kumar as Chief Operating Officer

Jan 26, 2026

Datacom leads significant optical component revenue

After the usual first quarter sequential slippage, optical component sales showed steady growth in 2021, according to Cignal AI. Cignal AI reports that total revenue

Sep 18, 2025

GlobalFoundries accelerates adoption of co-packaged optics for

MALTA, N.Y., May 04, 2026 (GLOBE NEWSWIRE) -- GlobalFoundries (Nasdaq: GFS) (GF) today announced the introduction of its SCALE™ optical module solution for co-packaged optics (CPO).

Aug 08, 2025

Strategic Trends in High Speed Optical Modules Market 2026-2034

Explore the dynamic High Speed Optical Modules market, projected to reach \$14.6 billion in 2024 with a 14.2% CAGR. Discover drivers like Cloud Services, AI, and 800G, alongside regional

Jun 23, 2026

Co-packaged datacenter optics: Opportunities and

However, the optics roadmap has come to a fork in the road: Is it right to continue on the tried and proven path of pluggable modules or is it time to

Sep 03, 2025

High-Speed Optical Module Demand Soars: AI

Discovering the intersection of AI computing and escalating market trends, the reliance on optical modules has surged. From high-scale

Mar 10, 2026

The latest lenses and optics for imaging in 2026

Their 2026 portfolio includes specialised lenses for the latest high-resolution sensors used in pharmaceutical defect detection. Knight Optical provides a wide range of

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