

Latest news on Italian optical modules



Overview

The Italian government has awarded €211 million (\$249m) to a startup developing a technology that could upgrade processing times in AI data centers. Camgraphic's graphene-based optical technology can deliver higher bandwidth density and much better latency performance than. Product to be exhibited at OFC 2026 at the AuthenX booth (Booth #5204), Los Angeles, United States from March 17-19. 0 and convert electrical signals from CPUs, GPUs, and other components into optical signals. Over the years, we have grown alongside our clients, taking on increasingly complex projects Giovedì 19 giugno 2025 è stato un. May 15, 2026 Intel Corporation, an American multinational technology company, has announced the appointment of Alex Katouzian to lead the Client Computing and Physical AI Group and Pushkar Ranade as Chief Technology Officer, strengthening the company's core pr. Universities of Osaka and Ritsumeikan say such emitters are promising sources for micro-LEDs. Device suggests. Ephos, a Europe-founded producer of glass-based photonic chips, announced a major expansion of its operations: an €7. 6 million seed funding round and the opening of a state-of-the-art research and manufacturing facility in Milan, the world's first dedicated to producing glass-based quantum photonic.



Article Content

Your gear just got better. Discover the latest DxO Modules

The list includes the latest ultra-wide-angle lenses from Canon, new kit lenses from Fujifilm, Nikon, and Sony, and a selection of glass across various mounts from Sigma. Kit lenses are where DxO

AI drives ramp-up in datacom optics - report

Total shipments of leading-edge datacom optical modules are projected to tally over US\$9 billion for 2024, according to the latest Optical

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.

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

Milan-based Ephos raises €7.6 million to deliver glass

Ephos's technology increases the speed and energy efficiency of advanced quantum computing, communications, and sensing devices. Built on

Marvell, Lumentum, Coherent demo first 800G ZR/ZR+ pluggables for

Marvell Technology, Inc., Lumentum Holdings Inc., and Coherent Corp. have announced the successful interoperability demonstration of 800G ZR/ZR+ optical modules over transmission

Optical Module Technology Roadmap | 800G to 3.2T Evolution

Explore the future of optical module technology from 800G to 1.6T, 3.2T and beyond. Comprehensive roadmap covering silicon photonics, CPO, coherent datacom, and AI-optimized

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

Notizie e aggiornamenti dal mondo dei componenti per fibra ottica ...

Stay up to date with the latest news, events and developments in the world of fiber optic components. Find out more.

Optical modules developed for ARTES Scylight program

Reflex Photonics awarded a multimillion-dollar contract to deliver thousands of SpaceABLE®28 optical module devices to be used in state-of-the

News from the optics and photonics industry | optics

Dutch photonics startup says its radical approach can triple light sensitivity in imaging applications. Universities of Osaka and Ritsumeikan say

Optec S.p.A. Optical & Optoelectronic Systems

At Optec S.p.A., we believe in pushing the boundaries of optical technology to create solutions that shape the future. Partner

Global Optical Modules Market 2024-2030

In Global Optical Modules Market, The VITA 66.5 draught standard, set to be published, defines NanoRF optical hybrid modules.

Demand for datacom optical modules reaches record

Well over three million high-speed datacom modules were shipped this quarter in support of AI cluster interconnect and traditional computing

Demand for Datacom Optical Modules Reaches Record

Spending on Datacom optical components was up more than 90% YoY as AI applications of 400GbE and 800GbE optical modules for AI

ECOC 2023 expo showcases latest developments in optical

Lumentum also showcased its latest solutions, conducting live demonstrations, and sharing industry perspectives at ECOC 2023. Highlights included availability of a 130+ GBaud smart

Optoelectronics News

Optical Brain Research Pushes Smaller Implants, Sharper Imaging Cornell, MIT, and HKUST teams have reported laser- and photonics-based devices that record neurons, image deeper, and tame

Italian startup gets €211m to develop graphene-based optical chips

The Italian government has awarded €211 million (\$249m) to a startup developing a technology that could upgrade processing times in AI data centers. Camgraphic's graphene-based

Why China's optical communications sector is the latest AI boom ...

However, a quieter miracle has been unfolding in the mainland stock market. Optical modules, which allow ultra-fast communications in data centres, have minted a new class of

Milan startup opens world-first production facility for

Ephos has launched its new manufacturing facility in Milan, dedicated to producing glass-based quantum photonic chips.

CPO modules worth US\$5.5bn by 2027 - report

Industry analyst firm CIR, predicts that the co-packaged optics modules market will reach US\$5.5 billion in 2027, including NPO products, in its

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Kyocera has been developing onboard-type optoelectronic modules that support PCIe® 5.0 and convert electrical signals from CPUs, GPUs, and other components into optical signals.

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

Italy is getting a new glass-based quantum photonic chip

Milan-based start-up Ephos has raised \$8.5m to create glass-based photonic chips at scale. The seed round was led by US venture capital firm

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