

# 800g optical module shipped





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# 800G OSFP Optical Transceiver Modules

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Cisco OSFP-800G-VR8 Compatible 800GBASE-SR8 (2x400G SR4) Twin-port OSFP IHS/Closed Finned Top PAM4 850nm 50m Dual MPO-12/APC DDM MMF Optical Transceiver Module for

## How Next-Gen 800G Optical Transceivers Meet the Demands of

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Integra Optics' full line of 800G optical transceivers in stock and ready to ship today. If you have questions or want to speak to one of our U.S.-based experts, contact us at



## **Charting the Path Toward 1.6T and 3.2T Optical Module**

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The path to 1.6T and 3.2T Transitioning from 800G to 1.6T optical modules as AI workloads in data centers escalate will effectively double the bandwidth capacity

## **High-Speed PCB Solutions for 400G and 800G Optical Modules**

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This guide explains the key PCB technologies, materials, manufacturing processes, and cost considerations for 400G and 800G optical modules in 2026.

## **Source Photonics Unveils Its Complete Solution of 1.6T and 800G**

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Livedemonstrationsofthe800G4×226.8GPAM4FR4/LR4QSFP-DDopticalmoduleswill be conducted during the ECOC'24 exhibition, together with 1.6T, 800G, 400G/800G



2PIC,

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

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LightCounting releases June 2025 Quarterly Market Update report June 12, 2025  
LightCounting expects a 10% sequential growth in sales of optical transceivers in the current quarter, after a flat Q1. Most of

## **The Evolution of Optical Modules: 400G -> 800G -> 1.6T - A Strategic**

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Discover the evolution from 400G to 800G and 1.6T optical modules. Learn key technologies, CPO vs pluggable, and upgrade strategies for future-ready data centers.



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

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The newly released product-grade 100GBd EMLs enable 200Gbps single lambda PAM4 signalling for shipping 1.6T and 800G transceivers. The 800G FR4/LR4 optical modules will be

## **Over 800G optical transceiver shipments to soar 2.6× by 2026**

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High-speed optical interconnects are now central to performance and scalability, especially as AI data centers grow into large clusters, according to TrendForce. The report predicts

## **800G Optical Transceiver Market Analysis**

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This is primarily due to the lack of significant growth in shipment volumes, compounded by Google's transition towards 800G demand, resulting in

## **Google's High-Speed Interconnect Architecture to Push**

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As a result, AI clusters are designed from the outset to deploy sufficient 800G/1.6T optical modules. Based on TrendForce's projection that

## **InP is the real chokepoint behind every 1.6T optical module shipping**

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That single physics fact is now sitting under many 800G and 1.6T transceivers going into hyperscaler AI clusters, and the supply side hasn't caught up. TrendForce has 800G+ optical



## **Nvidia Orders Surge: InnoLight and Eoptolink Dominate**

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Among them, the shipment volume of 800G optical modules accounts for over 60% of Eoptolink's total shipments (approximately 4.17 million units),

## **800G Optical Module Market Research Report 2034**

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North America's 800G optical module market is forecast to grow at a CAGR of 20.8% through 2034, underpinned by sustained AI capex cycles and the deployment of 400G/800G coherent long-haul

## **Over 20 Million 400G & 800G Datacom Optical Module**

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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

## **InnoLight: Large-Scale Deployment of 800G Optical Modules in 2025**

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Although shipments of 1.6T optical modules fell short of expectations, it is projected that they will gradually increase in the second to third quarters, with shipments already underway. Notably, the

## **LightCounting :: Scale-up networks in AI Clusters is a**

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A surge in AI development created a new wave in demand for optical connectivity in 2023-2025 and it will sustain the market's growth through 2030. The Figure below



## **Silicon photonics and co-packaged optics at the heart of**

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China emerges as a key competitor, shipping millions of modules and closing the technology gap with Western suppliers. Co-packaged optics (CPO) is

## **AI Drives Doubling of 800G Optical Transceiver Shipments in 2025**

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Furthermore, driven by escalating demands from AI technology, shipments of 800G optical transceivers are projected to grow by 100% year-over-year in 2025. The market will also see the initial shipments

## **800G Optical Modules Drive Market Recovery in 2025**

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800G modules drive optical market recovery in Q2 2025, with initial 1.6T shipments. This article highlights key trends in data center optics and AI

## **2025 Optical Module Market Share and Demand Report**

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The 2025 optical communication industry is driven by AI data centers (AIDCs) and 5G rollouts, with high-speed optical modules (400G/800G/1.6T)

## **Nokia doubles down on optical and AI-era connectivity**

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Demand for these modules, which allow operators and hyperscalers to deploy high-capacity optical connectivity in a flexible form factor, is accelerating



## Contact Us

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For datasheets, pricing, or custom optical networking solutions, please visit:  
<https://www.entrenamientointeligente.es>