

SFP optical module 800G delivery date from Finland



Overview

Currently, 800G Ethernet is still in the development stage, and commercial products are expected to start appearing in 2023. 800G optics will be ready before 800G Ethernet. New Castle, Delaware – FS, a trusted provider of ICT products and solutions, has launched its cutting-edge 800G Linear Pluggable Optics (LPO) module. Designed for AI/ML applications, this advanced 800G DR8 OSFP finned top LPO module enables high-speed data transmission with ultra-low power. The Cisco® OSFP 800G transceiver modules provide 800 Gigabit Ethernet (GE), 2x 400GE, 4x 200GE, and 8x 100GE connectivity options, complying with the Octal Small Form Factor Pluggable (OSFP) MSA for pluggable transceivers. The modules comply with the OSFP MSA configuration with integrated closed. An 800G module is a high-speed transmission module commonly used in data centers, communication networks, and other areas requiring high-density data transmission and high-speed data processing. It boasts the extraordinary ability to process 8 billion bits per second, more than doubling the. BOSTON (May 7, 2025) – 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 Cignal AI. 6T optics will enter volume production in. The Infinite Capacity Engine – Extensible (ICE-X) 800G ZR/ZR+ is an advanced pluggable solution that leverages the power and efficiencies of 3-nm-based CMOS technology combined with advanced multi-vendor interoperability, including open probabilistic constellation shaping. ICE-X 800G ZR+ provides. 800G Fiber and 800G Ethernet are two emerging technologies as the need for high-speed data transmission in data center networks continues to grow.

Article Content

Apr 04, 2026

800G OSFP DR8 | Optical Transceivers | Carritech Optics

800G OSFP DR8 1310NM 500M MPO This OSFP Optical Transceiver is an 800Gb/s twin-port OSFP module, supporting two 400Gb/s DR8 single-mode,

Dec 25, 2025

800G QSFP-DD

SULITON 800G OSFP/QSFP-DD Optical Transceiver Module OSFP 800G SR8 is an Eight-Channel, Parallel, Pluggable, Fiber-Optic OSFP for 800Gigabit

Dec 24, 2025

800G OSFP DR8/DR8+ Optical Transceiver

The high bandwidth module supports dual 400G Ethernet connections, octal 100G Ethernet connections, or a single 800G Ethernet connection over parallel single-mode fiber links up to 2 km.

May 10, 2026

Optical Transceiver Manufacturer | 1G-800G Optics

QSFP & QSFP28 MODULE Custom 400G / 800G QSFP-DD & OSFP MODULE Enterprise & Access Optics Engineered for enterprise networks and access

Oct 21, 2025

800G-FR4 - OSFP224 2km Transceiver

The 800G-FR4 OSFP224 Optical Transceiver Module leverages advanced silicon photonics and EML technology to provide ultra-high-speed data transmission. - EN

Mar 05, 2026

800GBASE-SR8 OSFP 850nm 50m Dual MTP/MPO-12 DOM

The 800GBASE-SR8 OSFP Optical Transceiver Module is designed for use in 800Gb/s systems throughput up to 30m over OM3 or 50m over OM4multimode fiber (MMF) using a wavelength of

Jan 09, 2026

OSFP 800G

The 800G OSFP modules are state-of-the-art in broadband communications. With a remarkable data transmission capacity of 800 Gbps, these modules offer

Aug 18, 2025

800G QSFPDD SR8 100m Optical Transceiver Module | GIGALIGHT

800G QSFPDD SR8 100m Optical Transceiver Module P/N: GQD-MPO801-SR8C(MPO16) Features 8 channels full-duplex transceiver modules
Transmission data rate up to 106.25G per channel

Feb 14, 2026

800G OSFP

Eoptolink OSFP 800G transceivers are compliant to the latest releases of the OSFP MSA. Firmware supports CMIS 5.0 and newer release. We offer transceivers for

Feb 01, 2026

Nvidia Orders Surge: InnoLight and Eoptolink Dominate

The 1.6T OSFP 2VR4 optical module based on VCSEL technology plans to enter mass production in the fourth quarter of this year, and the 1.6T

Mar 10, 2026

800G Optical Transceivers Overview: Everything You

800G optical modules are transforming data center transport, enabling networks to reach heights that previous generations of 400G could not.

Oct 15, 2025

Everything You Should Know About 800G FR4

Designed for large networks such as mega data centers and service provider backbones, 800G FR4 optical modules are being used by more and more companies with the widespread use of

Feb 13, 2026

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

We will explore the emergence, technical standards, packaging, types, and applications of 800G modules, and answer common questions to help you make informed decisions when selecting

Mar 16, 2026

ICE-X 800G ZR/ZR+

ICE-X 800G ZR+ provides long-haul-capable performance in a low-power, pluggable form factor, including 800G transmission over

Jan 09, 2026

800G OSFP Module | An Overview by BlueOptics

Networking speeds never stay still. Every few years, a new step forward appears to handle the rising data traffic in modern data centers. The

May 09, 2026

Demystifying 800G Transceiver: Types, Applications,

As the demand for faster data transmission continues to surge, 800G transceiver has gained significant attention due to its high bandwidth, fast

Jul 02, 2026

FIBERTOP Transceiver Company Direct Sales |72h Delivery |Light AI

Shen zhen FIBERTOP Technology Co., Ltd. was established in 2009. It is a national high-tech enterprise dedicated to the research and development, production, sales and service of optical

Apr 29, 2026

Cisco OSFP 800G Transceiver Modules Data Sheet

It is compliant with IEEE 802.3 800GBASE-VR8 and OSFP MSA module requirements with integrated heat sink. Optical signals are carried over

Dec 30, 2025

Super High-Performance 800G Fiber Transceivers

OSFP 800G Optical Transceivers OSFP (Octal Small Form Factor Pluggable) transceivers are advanced optical modules designed for high-speed data transmission in data center and networking

Jul 11, 2026

800G OSFP/QSFP-DD | Transceiver Modules

FS provides an expanding portfolio of 800G OSFP/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. The 800G transceiver modules are ideal choice for AI

Feb 21, 2026

800G-DR8 – OSFP112 500m Transceiver

Add to quote SKU: STC-40014 Categories: 200G 800G 1,6T 800G OSFP SFP CWDM SFP Transceivers 800Gbps OSFP112 optical transceiver module with 8-lane PAM4 for high-density short

Oct 26, 2025

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

Introduction to 800G/1.6T Pluggable Optics Modules The Evolution of Optical Transceivers: From 100G to 1.6T Driven by the demand for computing power in

Jul 19, 2026

FS Launches 800G LPO Module: A Power Efficiency and Latency

FS introduces an 800G LPO optical module, powering AI and HPC data centers with ultra-low power consumption, reduced latency, and proven reliability.

May 31, 2026

Technology from 400G to 800G to 1.6T Transceivers

This paper describes the technical route of optical communication from 400G to 800G to 1.6T optical modules and compares pluggable and CPO.

Nov 08, 2025

800GbE Optics Shipments to Grow 60% in 2025

Innolight, Coherent, and Eoptolink are the largest suppliers of Datacom modules, with Coherent, Broadcom, and Lumentum as key sources of

Oct 18, 2025

Exploring the Benefits and Applications of 800G QSFP-DD Optical Modules

The 800G optical transceiver is a high-speed optoelectronic conversion device used for achieving 800Gbps data transmission. It adopts small form-factor packaging types, such as QSFP

Nov 19, 2025

FS Launches 800G LPO Module: A Power Efficiency and Latency

While traditional DSP-based optical modules increase bandwidth for AI/HPC networks, they simultaneously face escalating power consumption and latency challenges.

Jun 24, 2026

How to Choose the Right 800G tranaceiver for Data

Explore guide to 800G optical transceivers—compare OSFP vs. QSFP-DD, key specs, deployment best practices, and future trends to future-proof your data

Contact Us

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