

## Thailand wholesale price LPO optical module 800G



### Overview

800G LPO (Linear Pluggable Optics): \$700-900 (no DSP, lower cost) 400G QSFP-DD: \$600-800 (for comparison) Price Variation Factors: Vendor Tier: OEM modules (Cisco, Arista) command 30-50% premium over third-party compatible modules

800G LPO (Linear Pluggable Optics): \$700-900 (no DSP, lower cost) 400G QSFP-DD: \$600-800 (for comparison) Price Variation Factors: Vendor Tier: OEM modules (Cisco, Arista) command 30-50% premium over third-party compatible modules

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. NADDOD OSFP-800LPO-2DR4 is a cost-effective module with high performance, which is optimized for AI Datacenter, supporting data rate of 8x112Gb/s PAM4 Optical interface and 8x112Gb/s PAM4 Electrical interface. Its transmission distance is up to 500m on single mode fibers. It replaces a retimed DSP. We can supply various optical modules, such as RATE 800G / 400G / 200G 100G / 25G / 10G ETC. FiberMall LQSFP-DD-800G-DR8D is a large-capacity optical module with high efficiency, and low power consumption, and is suitable for high-speed network equipment. Hyper Photonix is a US supplier of high performance optical transceivers with Research & Development, Engineering and Manufacturing Facilities in Asia. By seamlessly integrating advanced silicon photonics, ultra high speed circuit and packaging designs, Hyper Photonix offers a comprehensive range. NEW CASTLE, Del.

## Article Content

800GBASE OSFP/QSFP-DD800 Optics Transceivers

800G QSFP-DD800/OSFP optical module includes two architecture solutions, 2x400G and 8x100G. Its optical interfaces include MPO-16, Dual MPO-12, Dual

LPO: Leading Low-Power 800G Optical Communication

For 800G optical modules, LPO implementations achieve ~8% total cost reduction (approximately \$50-60/module), with production scalability

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 CAGR of 22.1%.

Arista LPO-800G-2DR4 Compatible 800G OSFP 2xDR4/DR8 Linear

NADDOD OSFP-800LPO-2DR4 is a cost-effective module with high performance, which is optimized for AI Datacenter, supporting data rate of 8x112Gb/s PAM4 Optical interface and 8x112Gb/s PAM4

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.

800G OSFP DR8/DR8+ Optical Transceiver

800G OSFP DR8/DR8+ Optical Transceiver Jabil 800Gb/s OSFP DR8/DR8+ (Data Center Reach 8-lane) Optical Transceiver is a small form-factor, high speed, and low power consumption product

200G/400G/800G Optical Transceiver Modules | FiberMall

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

High Quality Optical Module Wholesaler

By seamlessly integrating advanced silicon photonics, ultra high speed circuit and packaging designs, Hyper Photonix offers a comprehensive range of high-speed

LPO Module: Enabling Low Cost and Latency for 400G

LPO, or pluggable optical module based on linear driver chip technology, is an optimized innovation of the traditional hot-pluggable Ethernet

LPO OSFP 8x100G SR8 PAM4 Optical Transceiver

FiberMall OSFP-400G-SR8 Compatible LPO OSFP 8x100G SR8 delivers unparalleled performance, scalability, and efficiency for high-speed network

800G Optical Module Cost Analysis | TCO Optimization Guide

Complete guide to 800G optical module costs and TCO optimization for AI data centers. Includes pricing analysis, cost comparison, vendor strategies, and ROI calculations for informed

Juniper 800G Optical Transceivers and Cables Guide

Unlike traditional fully retimed optical modules, LPO transceivers depend on the host to handle retiming and signal conditioning. By omitting the DSP, LPO achieves lower power

LPO Optical Transceiver Modules | AscentOptics

LPO Optical Transceiver Modules with minimal power, cost, and latency, it's a revolutionary solution for high-performance data communication - AscentOptics.

New 800G Silicon Photonic Engines for 800G-DR8 and

The 800G-DR8 solutions have already been validated in modules while validation is ongoing for LPO. RTP's 800G silicon photonics engines come

800G LPO QSFP-DD800 Optical Transceiver Modules | AscentOptics

Revolutionize data transmission with 800G LPO QSFP-DD800. Unmatched performance in a compact design—low power, cost, and latency - AscentOptics.

800G LPO Module | FS Inc. | Aug 2025

The FS 800G LPO DR8 module operates with a maximum power consumption of just 8.5 W, which is approximately 50% lower than 800G DSP-based modules.

800G Optical Transceiver Market Analysis

800G optical transceiver is the core technology of next-generation high-speed optical communication. This article states some expert analysis.

LPO 800G OSFP 2xDR4/DR8 Optical Transceiver

The module's advanced thermal management and low power consumption make it environmentally friendly while maximizing operational efficiency. Designed for

800G OSFP112 DR8 LPO FNT Pluggable Optical

800G OSFP112 DR8 LPO FNT Pluggable Optical Transceiver The Hyper Photonix HSO6-800-LP-P8S transceiver is designed for 800G Ethernet and InfiniBand

400G LPO QSFP112 FR4 Optical Transceiver Module

FiberMall LQSFP112-400G-FR4 uses LPO technology and is a high-performance, scalable, low-power optical module suitable for high-speed network applications.

800G OSFP112 DR8 LPO FNT Pluggable Optical

It is a high-performance, low-power, low-latency and cost-effective module. The module contains 8 parallel channels on the transmitter and receiver, each

Amazon : YTLINK 800G OSFP DR8 LPO Optical Transceiver Module ...

Buy YTLINK 800G OSFP DR8 LPO Optical Transceiver Module, Compatible with 800GBASE 2 x DR4/DR8 OSFP Ethernet Single-Mode Optical Modules, 2 x MPO-12,1310nm 500m:

800G LPO QSFP-DD800 DR Optical Transceiver

FiberMall LQSFP-DD-800G-DR8D is a large-capacity optical module with high

LPO QSFP-DD800 2x400G FR4 Optical Transceiver

LQSFP-DD-800G-2FR4L LPO QSFP-DD800 2x400G FR4 PAM4 CWDM4 2km DOM Dual Duplex LC SMF Optical Transceiver Module

800G LPO OSFP Optical Transceiver Modules | AscentOptics

Transform connectivity with 800G LPO OSFP. Unrivaled speed, efficiency, and reliability redefine the future of high-performance data transmission - AscentOptics.

Optical Module

We can supply various optical modules, such as RATE 800G / 400G / 200G 100G / 25G / 10G ETC.

What is LPO Optical Transceiver Module?

LPO optical transceiver modules offer several advantages over traditional transceivers, including lower power consumption, enhanced energy

Market Insights: 800G & 1.6T Silicon Photonics Optical

This article answers key questions about 800G and 1.6T silicon photonics optical transceivers, covering chip architecture, packaging differences

## Contact Us

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