

How much does a 100G 10km optical module cost



Overview

The modules met the same QSFP28 LR4 optical specification, supported the same 10km single-mode fiber reach, and were coded for the same switch platform. The same 400 modules would have cost \$112,000. Sandra could have stayed under budget and still had room for spares, cabling, and. 10G optics remain a staple in data-center uplinks. Compatible 10G SR SFP+ modules often sell for tens of dollars, while genuine OEM modules or long-reach (LR, ER) DFB parts push into the hundreds. For many installers, the decision balances warranty/compatibility assurances with immediate CAPEX. FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution layers, computing networks and service provider applications. While optical transceiver development has gotten simpler over the years, it does involve full engineering development to design, validate, and qualify. Get expert guidance from the. Free Worldwide shipping on orders \$159 Worry-Free 30 Day Returns (Return shipping cost on us) 5-Year warranty (Exchange New) & Lifetime warranty (Repair) Free Trial & Bulk Price Available 100GBASE-LR4 QSFP28 Optical Transceiver Module for Data Center (SMF, 1310nm, 10km, LC, DOM) The QSFP28 module.

Article Content

QSFP28-100G-4WDM-10 100Gbps QSFP28 CWDM4 Transceiver,

The QSFP28-100G-4WDM-10 is designed with form factor, optical/electrical connection and digital diagnostic interface according to the QSFP28 Multi-Source Agreement (MSA). It has been designed

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service

QSFP28 100G LR4 RX 1310nm 10km Optical Transceiver

QSFP28 100G LR4 RX 1310nm 10km Optical Transceiver Price For Sale and Specifications in a Producer, Manufacturer, Wholesaler

QSFPTEK 100GBASE-LR4 QSFP28 1310nm 10km Optical Transceiver Module ...

Amazon : QSFPTEK 100GBASE-LR4 QSFP28 1310nm 10km Optical Transceiver Module Compatible with for QSFP-100G-LR4-S : Electronics QSFP28 Optical Module Testing

QSFP28 100G LR4 1310nm LC DDM SM | 10km module

QSFP28 100Gbps LR4 CWDM4 LC single-mode optical module for 10km, compatible with Cisco, Dell, Extreme, Mellanox. Ideal for network expansion.

SFP-10GB-ZR 100KM Long-Range 10G Transceiver Module

SFP-10GB-ZR 100KM transceiver for high-performance 10G connectivity over extended distances up to 100KM, ideal for telecom and data center applications. - EN

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

The modules met the same QSFP28 LR4 optical specification, supported the same 10km single-mode fiber reach, and were coded for the same switch platform. Price: \$280 each.

What Is an SFP Module? — Complete Guide to SFP, SFP+ & SFP28

Learn what an SFP module is, how it works, its types, specifications, compatibility, and use cases in modern networks, including updated standards and trends for 2026.

100G QSFP28 Module Cost: Pricing Guide & Factors

Discover 100G QSFP28 module pricing. Learn key cost factors, considerations, and real examples to make informed purchasing decisions for

QSFP28-100G-LR4: QSFP+ 100G LR4 Optical

Explore the QSFP-10010-LR4 a 100G LR4 single-mode transceiver with CWDM for 10Km extension. Cisco compatible with aggregate channels - shop now for high

100G QSFP28 Transceiver Modules | Optical Transceivers

The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution layers, computing networks and service provider applications.

QSFPTEK 100GBASE-LR4 QSFP28 1310nm 10km Optical

Found a lower price? Let us know. Although we can't match every price reported, we'll use your feedback to ensure that our prices remain competitive.

CWDM-10G-SFP-100-47

Compatible 10G CWDM SFP+ Module, Tx/Rx 1470nm, 100km over SMF. Supports 1.25-11.32 Gbps, 26dB budget, 2000ps/nm, LC/UPC, 0-70C.

100GBASE-LR4 QSFP28 1310nm 10km BOX SMF Module for F5

F5 Networks QSFP-100G-LR4 optical module using BOX packaging technology supports 4x25G data transmission mode with high port density, low power consumption and low cost. NADDOD 100G

Optical Modules: 400G, 800G, 1.6T, and PCB Selection in Manufacturing

As technology advances, the speed and capability of optical modules have dramatically increased. Initially, optical modules operated at speeds of 10G, then moved to 40G and 100G.

100G LR4 QSFP28 1310nm 10km Transceiver

100GBASE-LR4 QSFP28 1310nm 10km DOM Optical Transceiver Module for Data Center P/N: QSFP28-LR4-100G \$269.67 USD

100GBASE-LR4 QSFP28 10km SMF | €181 | EDGE

100GBASE-LR4 QSFP28 transceiver, 10 km SMF, 4 LAN WDM, 6.3 dB link budget. Dual-rate LR4/OTU4 (112 Gbps). EU stock + lifetime warranty. From €181.

100G Transceivers - What You Need to Know Before

100G Transceivers - What You Need to Know Before you Buy! 100G Transceivers The shift to 100G networks isn't just for giant data centers

Optical module - A comprehensive exploration

The optical module is one of the core devices of the optical communication system, and its development has a vital impact on its related

400G, 800G, and Terabit Pluggable Optics:

Full range of 400G / 800G pluggable modules Copper cables Multimode Fiber – 100m
Single Mode Fiber inside DC – 500m & 2km Single Mode Fiber Campus – 10 km
Outside plant, DCI – 100 km →

100GBASE-LR4 QSFP28 10km SMF | €181 | EDGE

EdgeOptic's 100G-QSFP28-10 is a 100GBASE-LR4 QSFP28 transceiver: 10 km SMF, 4 LAN WDM wavelengths, 6.3 dB link budget. Dual-rate LR4 (103.125

Unlocking 10km High-Speed Connectivity with 100G

Using digital diagnostics monitoring (DDM) features available in most LR4 modules can help track real-time parameters such as temperature, voltage, and signal

Optical Transceiver Pricing: Cost Ranges by Speed

See practical price ranges for 1G–100G optical transceivers, DAC/AOC options, and why cost varies by speed, reach and technology — buying tips included.

Optical Transceiver Module

Fiber optic module manufacturer, ETU-Link supply full model optical transceivers, including standard 8g/10g/25g/40g/100g sfp+ optical modules and

800G Optical Modules Explained: Standards, Types

Discover everything about 800G optical modules—standards, packaging, types & applications. Learn how they power AI, HPC & next-gen

QSFP-DD Transceiver Guide 2026: Complete 400G/800G Deployment

Master QSFP-DD transceiver deployment for 400G/800G networks. Compare module types (SR8/DR4/FR4/LR4), cable options, pricing, and implementation best practices.

100G QSFP28 Transceiver Modules | Optical Transceivers

FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution layers,

Contact Us

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