

Nordic manufacturer of passive optical network QSFP-DD



Overview

Navigator Nordic delivers optical transceivers, components and data center solutions for the Nordic market, with expert support, fast service and lifetime warranty. Amphenol's QSFP-DD Linear Pluggable Optical (LPO) Transceiver delivers low-latency, high-bandwidth PCIe[®] Gen 5.0 over optical link, enabling scalable server disaggregation and efficient rack-to-rack interconnects ideal for AI/ML and rack-scale data center expansion. QSFP-DD is a new module and cage/connector system similar to current QSFP, but with an additional row of contacts providing for an eight lane electrical interface. It is being developed by the QSFP-DD MSA as a key part of the industry's effort to enable high-speed solutions. The QSFP-DD will be able to support both optical and. A single QSFP module can move 100 gigabits per second through a port barely larger than a thumbnail. In hyperscale data centers, that same form factor now scales to 400G and 800G, feeding the east-west traffic demands of AI training clusters and cloud fabrics. Yet the QSFP family is not one.



Article Content

Apr 21, 2026

Understanding the QSFP-DD MSA: The Hardware Specification ...

Discover how the QSFP-DD MSA is revolutionizing 400G networks with advanced modules and cables, enhancing

Sep 17, 2025

QSFP DD Cable Assemblies | High Speed Input Output | Amphenol

QSFP DD Loopback Modules Amphenol's QSFP DD (Double-Density) Loopback Modules are part of Amphenol's

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QSFP-DD Connectors, Cages and Cable Assemblies

TE's QSFP-DD 2x1 cages and connectors add to the wide range of existing QSFP-DD surface mount products, providing customers

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Which companies manufacture the most reliable 400G QSFP-DD optical ...

Several leading companies in the telecommunications and networking industry manufacture highly reliable 400G QSFP

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What is QSFP-DD Transceiver: A Beginner Guide (2022)

If you're looking for a QSFP-DD transceiver, Optcore is a great place to start your search. We offer a wide selection of

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Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your

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Optical Fiber Amplifiers

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Passive Optical Network (PON): The Future of High

A passive optical network is a cost-effective, energy-efficient, and future-ready solution for broadband,

Jun 01, 2026

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),

Aug 18, 2025

QSFP DD Guide: High-Speed QSFP DD Optical Modules

Learn how QSFP DD enables high-speed 400G networking with higher density, compatibility, and performance for

May 04, 2026

QSFP-DD Optical Transceivers Unlocking Faster Connections

QSFP-DD Optical Transceivers deliver up to 800Gbps speeds, offering high bandwidth, energy efficiency, and

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QSFP-DD TRANSCEIVERS for 400G and 800G | Smartoptics

As a leading form factor for 400ZR and 800ZR, QSFP-DD delivers cost-efficient, interoperable connectivity with extended reach and

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Transceivers

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800G QSFP-DD vs. 800G OSFP: Choosing the Right Form Factor for

Learn which form factor offers the best migration path and lowest TCO for AI clusters. Explore signal integrity and

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An Overview on QSFP-DD (Double Density QSFP)

An Overview on QSFP-DD (Double Density QSFP) With the rapid growth of data center and 5G development,

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QSFP Modules: Complete Transceiver Guide | Ascent Optics

Learn what a QSFP module is, how QSFP+, QSFP28, QSFP56, and QSFP-DD differ, and how to choose the right

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Optical Connector – QSFP-DD

The QSFP-DD MSA will define a new pluggable form factor that supports 8 high speed electrical interfaces connecting to the host.

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Differences Between QSFP-DD and QSFP, QSFP28, QSFP56,

Explore the technical differences, performance characteristics, and practical deployment strategies of QSFP-DD

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QSFP-DD Optical Transceivers for High-Speed Connections

QSFP-DD ports incorporate a riding heatsink that can be sized independently of the optical module, added on top of the module, or

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Understanding QSFP-DD Cable: A Comprehensive Guide to 400G

Explore the QSFP-DD cable in our comprehensive guide, covering 400G connectivity, double density technology, and

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What is QSFP & QSFP+ Transceiver: An Ultimate Guide

QSFP DAC: Direct attach copper cable with QSFP+ module on both ends, mainly for very short interconnectivity, like

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The Ultimate Guide to QSFP-DD Loopback: Everything You Need to

The QSFP-DD (Quad Small Form-factor Pluggable Double Density) loopback is essential in high-speed networking to

Mar 24, 2026

Understanding SFP, SFP+, QSFP and Beyond: Choosing the Right ...

In the world of networking, the ability to connect devices with high-speed data transmission is crucial. Whether you are setting up a

Contact Us

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