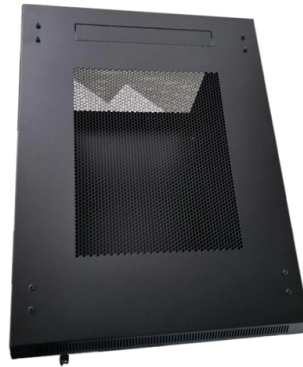


Retail Standalone Switch QSFP-DD



Overview

The QSFP-DD Series offers up to 400Gbps transmission speeds and features 1-by-cages. 4 Tbps aggregate bandwidth in a single switch slot. 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. QSFP-DD electrical interfaces will employ eight lanes that operate up to 25 Gbps NRZ modulation or 50 Gbps PAM4 modulation, providing. The HPE Networking Comware Switch Series 5965 is a high-performance, high-density top-of-rack (ToR) switch designed for enterprise data centers, cloud service providers, and telco environments. All pricing* displayed is indicative; the reseller sets the final transactional price and may include. The Cisco® family of QSFP-DD modules provide the industry's highest bandwidth density while leveraging the backward compatibility to lower-speed QSFP pluggable modules and cables. The Cisco 400GBASE Quad Small Form-Factor Pluggable Double Density (QSFP-DD) portfolio offers customers a wide variety. The FS® 400GBASE Quad Small Form-Factor Pluggable Double Density (QSFP-DD) portfolio offers customers a wide variety of super high-density transceiver modules and the flexibility of 400 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and.

Article Content

QSFP-DD CONNECTORS & CABLE ASSEMBLIES PRODUCT

Our QSFP-DD cages feature a proprietary heat sink design, making them the only solution to work in 15-18W applications at a low cost – providing superior thermal and signal integrity performance.

HPE Networking Comware Data Center Switch 64p QSFP-DD 400G

The HPE Networking Comware Switch Series 5965 is a high-performance, high-density top-of-rack (ToR) switch designed for enterprise data centers, cloud service providers, and telco environments.

QSFP-DD vs OSFP: Which 400G/800G Form Factor

QSFP-DD is ideal if you already run 100G/200G QSFP optics and want a smoother migration. OSFP is better if you are building fresh 400G/800G

QSFP-DD Optical Transceivers Unlocking Faster

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

Understanding Backward Compatibility with QSFP-DD,

Network improvements and transceiver functionality are inextricably related to backward compatibility. A thorough explanation of backward

QSFP-DD Connectors, Cages and Cable Assemblies

QSFP-DD provides high-performance computing capability. The QSFP interconnects density is doubled with electrical interface, providing superior thermal and signal

QSFP-DD Compatible Switches: Complete 2025 Vendor Guide

Find which switches support QSFP-DD modules. Our 2025 guide covers Cisco, Arista, Juniper and NVIDIA platforms with backward compatibility tips.

HPE Networking Comware Data Center Switch 24-port 100/200G

This data sheet provides detailed information about HPE Networking Comware Data Center Switch 24-port 100/200G QSFP56 8-port 400G QSFP-DD 5960

Cisco 400G QSFP-DD Cable and Transceiver Modules

The Cisco® family of QSFP-DD modules provide the industry's highest bandwidth density while leveraging the backward compatibility to lower-speed

Specification – QSFP-DD

July 11, 2019 – QSFP-DD Hardware Specification for QSFP DOUBLE DENSITY 8X PLUGGABLE TRANSCEIVER – Rev 5.0 May 8, 2019 – Common Management Interface

200G QSFP-DD Active Optical Cable with DDM (1-100m)

200G QSFP-DD Active Optical Cable with DDM - 1 meter High-quality optical transceiver from EDGE Optical Solutions.

Cisco 400G QSFP-DD Cable and Transceiver Modules

It provides a QSFP-DD-to-QSFP-DD copper direct-attach solution. QDD-400-CuxM cables are suitable for very short links and offer a cost-effective

QSFP-DD Hardware

Abstract: This specification defines: the electrical and optical connectors, electrical signals and power supplies, mechanical and thermal requirements of the pluggable QSFP Double Density (QSFP

400G QSFP-DD Cable and Transceiver Modules Data Sheet

It provides a QSFP-DD-to-QSFP-DD copper direct-attach solution. They are suitable for very short links and offer a cost-effective way to establish a 400-Gigabit link between QSFP-400G ports of

QSFP-DD Series

QSFP-DD can enable up to 14.4 Tbps aggregate bandwidth in a single switch slot. QSFP-DD electrical interfaces will employ eight lanes that operate up to 25 Gbps NRZ modulation or 50 Gbps PAM4

How to Connect 400G QSFP-DD Switch with ConnectX-7 OSFP NIC

How to Connect 400G QSFP-DD Switch with ConnectX-7 OSFP NIC | FiberMall
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The Ultimate Guide to QSFP Cables

40G-QSFP-SR4-ST Optical Transceiver Module How to Choose the Right QSFP Cable?
Choosing a QSFP cable isn't just about matching the speed.

Cisco QSFP-DD Pluggable Open Line System (QDD

Learn more about the Cisco QSFP-DD Open Line System (QDD OLS), a pluggable optical amplifier module that provides a simple yet powerful open line

QSFP Cables Explained 2025: Types, DAC vs AOC,

Learn about QSFP cables: QSFP+, QSFP28, QSFP56, QSFP-DD. Compare DAC vs AOC, speeds, lengths, and use cases in data centers. Includes

Choosing 400G NICs by Network Interface: OSFP,

Explore FS 400G NICs and their network interfaces—OSFP, QSFP-DD, and QSFP112. Learn how to choose the right 400G adapter for AI, HPC, and

QSFP-DD CONNECTORS & CABLE ASSEMBLIES PRODUCT

The QSFP-DD portfolio's backwards compatibility allows existing QSFP modules to be plugged into QSFP-DD ports. Our QSFP-DD cages feature a proprietary heat sink design, making them the only

QSFP28 modules

QSFP-DD modules Always refer to the Datasheet or QuickSpecs for the switch product to see the current list of supported transceivers. Datasheets/QuickSpecs do not usually detail specific notes for

QSFP-DD-kompatible Switches: Vollständiger Herstellerleitfaden 2025

Finden Sie heraus, welche Switches QSFP-DD-Module unterstützen. Unser Leitfaden für 2025 behandelt Plattformen von Cisco, Arista, Juniper und NVIDIA und bietet Tipps zur

QSFP DD Connectors

Amphenol Communications Solutions' QSFP DD interconnect system is comprised of a 76-position, 0.8 mm pitch connector built for use in high-speed

2025 SFP vs QSFP Port on Switches: Key Differences, Benefits, Cases

Discover the differences between SFP and QSFP port on switch. Learn about speed, bandwidth, transmission distance to choose for your enterprise or data center.

QSFP-DD Product Family » Acacia

Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links

QSFP-DD Optical Module Overview: What is the differ?

This article will introduce the next generation optical module in detail, QSFP-DD, also known as quad small factor pluggable, and this article will also

Contact Us

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