Direct Sales of QSFP-DD Optical Modules from Pakistan



Overview

QSFP-DD Packaged Optical Module The QSFP-DD Packaged Optical Module market size, estimations, and forecasts are provided in terms of sales volume (K Units).

Key Takeaways

QSFP-DD optical modules, including 400G and 800G types, are globally available, but direct sales from Pakistan are limited and typically rely on international distributors or local resellers. Overview of QSFP-DD ModulesQSFP-DD (Quad Small Form Factor Pluggable Double Density) modules are high-speed optical transceivers designed for 400G and 800G Ethernet applications, widely used in data centers, cloud computing, and high-performance networks. They comply with IEEE 802.

3bs standards and the QSFP-DD MSA specification, offering double-density interfaces for higher data transmission rates and multiple channels. The 400G modules are currently the most popular, while 800G modules are emerging rapidly due to increasing bandwidth demands.

Global Market and Key Suppliers

The global QSFP-DD market is projected to grow significantly, with a forecasted CAGR of 11–12% through 2030, driven by 5G deployment, AI, cloud computing, and hyperscale data centers. Leading manufacturers include: Cisco SystemsBroadcomLumentumII-VI IncorporatedHuaweiAccelink TechnologiesZhongji Innolight These companies supply modules worldwide, often through authorized distributors or regional partners.

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Availability in Pakistan

While Pakistan does not have major QSFP-DD manufacturers, local IT and networking distributors may import modules from global suppliers. Businesses in Pakistan typically source QSFP-DD modules through: Authorized distributors of Cisco, Broadcom, or LumentumRegional resellers in the Middle East or AsiaOnline B2B platforms that ship internationally Direct procurement from Pakistan-based manufacturers is limited, so most buyers rely on import channels to access 400G and 800G QSFP-DD modules.

Recommendations for Procurement

Contact local networking distributors in Karachi, Lahore, or Islamabad who handle Cisco, Huawei, or Broadcom products. Engage with regional partners in Asia or the Middle East for bulk orders. Verify module specifications (400G vs 800G, single-mode vs multi-mode) to match your network requirements.

Consider authorized resellers to ensure warranty and compliance with IEEE standards. By leveraging these channels, businesses in Pakistan can access QSFP-DD modules efficiently, even though local manufacturing is minimal.

Article Content

QSFP-DD Packaged Optical Module

The QSFP-DD Packaged Optical Module market size, estimations, and forecasts are provided in terms of sales volume (K Units) and sales revenue ($ millions), considering 2024 as the base year, with

Global QSFP-DD Pluggable Optical Transceiver Modules Sales

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

Global QSFP-DD Pluggable Optical Transceiver Modules Supply,

It is being developed by the QSFP-DD MSA as a key part of the industry''s effort to enable high-speed solutions. This report studies the global QSFP-DD Pluggable Optical Transceiver Modules

Global 800G QSFP-DD Optical Module Market Report 2026-2032:

Global Leading Market Research Publisher QYResearch announces the release of its latest report "800G QSFP-DD Optical Module - Global Market Share and Ranking, Overall Sales and Demand

QSFP-DD Packaged Optical Module Market Size 2026-2032

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This comprehensive research report categorizes the QSFP-DD Packaged Optical Module market into clearly defined segments, providing a detailed analysis of emerging trends and precise revenue

QSFP-DD Module Market Research Report 2033

One of the primary growth factors fueling the QSFP-DD Module market is the exponential increase in data consumption and the corresponding need for high-speed data transmission.

QSFP-DD Pluggable Optical Transceiver Modules Market''s Drivers

Despite these challenges, the outlook for the QSFP-DD pluggable optical transceiver module market remains strongly positive. Persistent demand for increased data capacity and speed

QSFP Optical Module Market Research Report 2034

The accelerating shift toward artificial intelligence (AI) and machine learning (ML) workloads, which demand extremely low-latency, high-throughput interconnects between GPU clusters, has emerged

QSFP-DD Packaged Optical Module Market

Recent United States tariffs have amplified sourcing, compliance, and cost complexities for QSFP-DD module buyers. Organizations are responding by intensifying documentation around product origin

Future Prospects for QSFP-DD Packaged Optical Module Growth

The QSFP-DD Packaged Optical Module market is booming, projected to reach $10 billion by 2033, driven by 400G/800G Ethernet adoption and cloud computing growth. This in-depth

SFP & QSFP Modules in Pakistan High-Speed Transceivers | UltraTech

SFP and QSFP transceivers at UltraTech Pakistan for fast, reliable data transmission. Explore top brands and models for seamless network performance.

800G QSFP-DD Cable and Transceiver Modules Data Sheet

Product overview The FS® 800GBASE Quad Small Form-Factor Pluggable (OSFP/QSFP-DD) portfolio offers customers a wide variety of high-density and low-power 800

SFP, Transmission Standard

SFP/SFP+ (Small Form-Factor Pluggable) is a compact, hot-pluggable optical module transceiver commonly used in telecommunication and data communications applications. Samtec''s SFP+ cable

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Global QSFP-DD Pluggable Optical Transceiver Modules Sales

The global QSFP-DD Pluggable Optical Transceiver Modules market size was US$ million in 2024 and is forecast to a readjusted size of US$ million by 2031 with a CAGR of %during the

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

QSFP-DD Transceiver Guide 2026: Complete

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

What is QSFP & QSFP+ Transceiver: An Ultimate

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

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP+

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical support & wholesale pricing.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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