UAE Certified QSFP-DD Optical Module SFP

Overview

GBICS Store | UAE | Saudi | Qatar | Transceivers GBICS Store offers top-quality SFP, QSFP28, QSFP-DD, fiber patch cords, MPO/MTP cables & rugged iTemp opti.

Key Takeaways

QSFP-DD and SFP optical modules are widely available in the UAE, supporting high-speed connectivity from 40G to 400G, with local suppliers offering certified, compatible, and cost-effective options. Overview of QSFP-DD and SFP ModulesQSFP-DD (Quad Small Form-Factor Pluggable Double Density) modules are designed for ultra-high-speed networking, supporting 200G, 400G, and even 800G in advanced coherent optics applications. They are essential for AI compute clusters, hyperscale data centers, NVLink/InfiniBand fabrics, and low-latency links in the UAE's expanding digital infrastructure.

SF

P (Small Form-Factor Pluggable) modules, including SFP+, SFP28, and 10G/25G variants, provide flexible connectivity for fiber optic and high-speed copper networks, enabling long-distance transmission and network scalability. Applications in the UAEThese modules are critical for: Data centers: Connecting server fabrics and storage networks. Telecommunications: Supporting metro networks, 5G backhaul, and FTTH deployments.

Enterprise networks: Campus interconnections and high-performance computing.

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I and cloud infrastructure: Powering GPU clusters and hyperscale fabrics.

Local Suppliers and Advantages

Several UAE-based suppliers provide certified QSFP-DD and SFP modules: GBICS Store: Offers QSFP-DD, QSFP28, SFP, fiber patch cords, and MPO/MTP cables with lifetime warranty and fast shipping across UAE and Saudi Arabia. SFPS.

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E: Supplies 40G, 100G, 200G, and 400G transceivers, tested for TX/RX power, DDM verification, and coding accuracy. Local delivery is available in Dubai, Abu Dhabi, Sharjah, RAK, Fujairah, and Al Ain, often at 30–70% lower cost than OEM modules.

IRI

X Computer Systems: Provides SFP, SFP+, QSFP+, QSFP28, and QSFP-DD modules compatible with Cisco, HP, Juniper, and multi-vendor environments, ensuring reliable performance and technical support. Pivotal Optics: Offers a full range of optical transceivers from 1G to 400G, including QSFP-DD modules for data centers and enterprise networks.

Key Considerations

When selecting QSFP-DD or SFP modules in the UAE: Compatibility: Ensure modules match your switch or router vendor and port type. Distance and wavelength: Choose modules that meet your network's reach requirements. Certification: Opt for UAE-certified or tested modules to guarantee performance and reliability.

Cost efficiency: Local suppliers often provide high-quality alternatives to OEM modules at lower prices. Support and delivery: Local suppliers offer same-day or next-day delivery and technical assistance.

Conclusion

For organizations in the UAE, QSFP-DD and SFP optical modules are essential for high-speed, scalable, and reliable network infrastructure. Local suppliers like GBICS, SFPS.

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E, IRIX, and Pivotal Optics provide certified, tested, and cost-effective solutions, ensuring compatibility, performance, and rapid deployment across data centers, enterprise networks, and telecom infrastructure.

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Article Content

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GBICS Store offers top-quality SFP, QSFP28, QSFP-DD, fiber patch cords, MPO/MTP cables & rugged iTemp optics. UAE & Saudi fast shipping. Lifetime

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UAE''s trusted supplier for QSFP, QSFP28 & QSFP-DD modules. High-speed optical transceivers with warranty, UAE stock, fast delivery & full compatibility.

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OptiModule by eSeeSky Inc. — Enterprise optical transceivers from 10G to 800G. SFP+, QSFP28, QSFP-DD, OSFP. MSA compatible, RoHS certified, ships worldwide.

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Choose from the broad range of modules available with us – SFP, SFP+, QSFP, LR, SR, Copper, Fibre Channel, Shortwave, Longwave, single-mode, and multi-mode. They are compatible with MMF,

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

By partnering with tier-1 optical component manufacturers, we ensure every module meets the highest industry standards. Each transceiver undergoes rigorous testing and comes supported by a Limited

SFP Modules

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Server Basket provides reliable, quality-certified SFP modules to help establish high-speed communication among network components like switches, routers, and various other devices.

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Optical Transceiver: SFP vs SFP+ vs QSFP28 vs QSFP-DD

This article provides a comprehensive comparison of mainstream optical transceivers, including SFP, SFP+, QSFP+, QSFP28, and QSFP-DD. It explains their technical differences,

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Top Optical Modules for POTN Deployment: SFP, QSFP, and OSFP

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QSFP-DD Optical Transceivers for High-Speed

Cisco''s comprehensive portfolio of QSFP-DD modules support 400G and 800G data rates across copper, multimode fiber, and single-mode fiber, and

Dell Networking Transceiver and Cable Solutions

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10 km over single SMF 1GbE SFP optical module, bi-directional, extended-reach, up to 40 km over single SMF 1GbE SFP optical module, bi-directional, extended-reach, up to 80 km over single SMF

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

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