

Ghana Liquid-Cooled Switch QSFP-DD



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The QSFP-DD family supports legacy QSFP channels on the front interface and four additional channels on the rear interface. This interconnect system optimizes density and power ...



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 ...



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 ...



QSFP-DD ports incorporate a riding heatsink that can be sized independently of the optical module, added on top of the module, or placed between modules. This flexibility enables switch and routing ...



Meanwhile, QSFP-DD modules are deployed on leaf switches with dense port requirements, enabling up to 32 ports per 1RU switch. Power consumption is slightly lower at 13 W ...



Connect with existing, lower speed QSFP modules with QSFP-DD backwards compatibility. Optimize thermal management with flexible heatsink ...



Complete QSFP-DD power and thermal guide with module power data, rack calculations, AI cluster planning, and cooling strategies for 400G and 800G deployments.



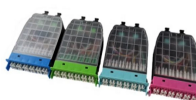
Find which switches support QSFP-DD modules. Our 2025 guide covers Cisco, Arista, Juniper and NVIDIA platforms with backward compatibility tips.



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



This enables the QSFP-DD cages in switches to support backwards compatibility to 4-channel QSFP56, QSFP28, and QSFP+ devices, which engage only the first row of 4 pins in the 8 ...



Features 1/4/8-channel full-duplex active optical cable 850nm VCSEL transmitter and PIN receiver Hot-pluggable SFP+/QSFP28/QSFP-DD/OSFP/OSFP-RHS MSA-compliant connectors Compliant with ...

Contact Us

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