

Jordan CIF Price Liquid-Cooled Switch OSFP



Overview

400GbE OSFP SR4 liquid/immersion cooling transceiver (flat top), 3M MPO-12/APC Female Type A plug, 4x106. 25GBd data lanes, for short-range MMF data communication up to 100m, ideal for high-dense data center interconnects. NVIDIA Networking for HPE includes NVIDIA Spectrum™-X SN5610, NVIDIA Spectrum-X SN2201, NVIDIA Quantum-2-based QM9700 switches. The SN5610 is compatible with standard Ethernet fabric and provides accelerated ethernet to your data center without compromising between performance and feature set. The MPU (Network Processing Unit): A proprietary Cisco silicon, specifically designed for high-speed network processing. To illustrate the scale of the thermal challenge, consider the front-end. The OSFP MSA is proud to introduce OSFP1600 and OSFP-XD to the industry. This whitepaper highlights the key aspects and features of each solution with the expectation that both solutions will have a place in future data center applications. The OSFP-XD solution has attracted significant interest in. 32 OSFP Ports, Can Use Breakout for 64x 400GbE or 128x 200GbE 25. 6 Tb/s Aggregate Switch Throughput, More Than 66. 5 Billion Packets per Second 1+1 Hot-swappable Power Supplies, 6+1 Hot-swappable Fans Support

SHARPV3, Adaptive Routing, Congestion Control and QoS, Self-healing Networking Support Fat. Imagine a data center where even the most powerful switches run cool and stable— without noise, thermal throttling, or energy waste. Cisco is actively innovating in direct-to-chip liquid cooling for high-performance switches, laying the groundwork for solutions that will enable seamless and. Product Demo | OSFP 2x8 Belly to Belly Liquid Cooling Demonstration | DesignCon 2025 This demo from DesignCon 2025 highlights how we're simplifying high-density cooling.

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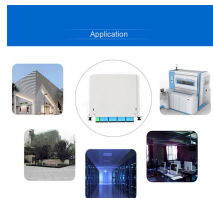
The NVIDIA Quantum-2-based MQM9790-NS2F switch comes with 64 400Gb/s ports on 32 physical octal small form-factor pluggable (OSFP) connectors that can be split to deliver up to 128 200Gb/s ...



NVIDIA Spectrum SN5610 64-port 800GbE OSFP Switch provides ultra-fast, energy-efficient connectivity for high-performance computing and HPE networks. Explore features & specs.



Our innovative one-piece design integrates the cage with top and bottom plates, less system complexity with efficient, reliable 1 in/1 out cold plate connections, enhanced total power capacity and an ...



In this document, we will provide a set of basic guidance, technical requirements and best practice for OAI/OAM products using liquid cooling solutions. It aims at setting a foundation of ...



This manual describes the installation and basic use of the NVIDIA XDR InfiniBand switch systems based on the NVIDIA Quantum™ -3 switch ASIC. This manual is intended for IT ...



Compatible with a variety of mainstream cooling fluids. Provides connectivity solutions for 400G immersion-cooled NICs to 800G air-cooled switches. ...



The Octal Small Form Factor Pluggable (OSFP) Connector System provides single- or dual-port, 8- or 16-lane I/O connectivity with DAC, AOC, ACC and optical modules for high-density switch applications.



The adoption of liquid cooling technology, particularly this hybrid approach, promises significant energy savings for data centers. Cisco estimates that if a data center can transition from ...



Take steps now to modernize your facility and thermal management strategies for tomorrow's liquid-cooled switches. Meet with your Cisco team or partner to discuss how to design, ...



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Compatible with a variety of mainstream cooling fluids. Provides connectivity solutions for 400G immersion-cooled NICs to 800G air-cooled switches. Compliant with OSFP MSA, IEEE 802.3db ...

Contact Us

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