

Preview

N9570-128QC is a low-latency 400G RoCE 4U switch with 128x400G QSFP112 ports, SONiC OS, and NVIDIA Spectrum-4 switch chip, offering 51.2Tbps capacity for AI data centers. The new HPE Slingshot 400 not only increases the switch ASIC speed to 51.2Tbps, but it also will usher in significantly faster HPC interconnect speeds to keep pace with solutions like the NVIDIA Spectrum-X we showed in. The NVIDIA MMS4X00-NS is an InfiniBand and Ethernet 800Gb/s 2x400Gb/s Twin-port OSFP, 2x2xDR44 single mode, parallel, 8-channel transceiver using two, 4-channel MPO-12/APC optical connectors at 400Gb/s each. The parallel single mode, datacenter reach 8-channel (2xDR4) design uses 100G-PAM4. Cisco is actively innovating in direct-to-chip liquid cooling for high-performance switches, laying the groundwork for solutions that will enable seamless and scalable AI at unprecedented densities. Today's rack switches are rapidly approaching their thermal limits with the jump to 400G, 800G, and. Only Juniper can help you unleash the full potential of Wi-Fi 7 with our AI-Native platform for innovation. Juniper's AI data center solution is a quick way to deploy high performing AI training and inference networks that are the most flexible to design and easiest to manage with limited IT. 400G - This switch is your next leap forward - a powerful, efficient. Powered by NVIDIA Spectrum-4 high-performance silicon, it delivers unprecedented bandwidth, deterministic ultra-low latency, and sophisticated congestion management. This foundational design empowers organizations to architect a highly scalable, cost-efficient, and energy-optimized network.

Description: Amphenol's Rugged 256 Channel Ethernet Switch Box is liquid cooled and configurable for system connectivity, speeds, port types, and interoperation

? Breaking Boundaries with HPE Slingshot 400! ? Hewlett Packard Enterprise is redefining high-performance networking with the Slingshot 400, a game-changing 51.2T switch paired with liquid ...

400G QSFP112 SR4 Optical Transceiver Module for liquid cooling The Fiberstamp FQJ-400SR4M10xxx is a high performance module for short-range multi-lane

Home HPE Slingshot 400 Brings a Liquid Cooled 51.2T Switch and 400Gbps Networking HPE Slingshot 400 Switch At SC24 3

Three Difficulties in Designing Liquid-Cooled Switches Difficulty 1: The switch cold plate system belongs to "three-dimensional" assembly, and the

Explore the most frequently asked questions about Asterfusion's 400G switches, including latency performance, RoCEv2, SONiC support, telemetry,

Croatia Liquid-Cooled Switch 400G

A flat-top version offered for liquid-cooled and DGX H100 Cedar7 systems links. The transceiver combinations guarantee optimal operation in NVIDIA end-to-end InfiniBand systems and

Next-generation high-performance single chassis core switches, featuring with a various types of ports from 40G to 400G, catering to diversified data center network scenarios and enabling smooth

As a Leaf-layer switch, it connects up to 128 servers with 400G NICs directly. It also supports port breakout for up to 256 x 200GbE or 512 x 100GbE connections.

MikroTik CRS804-4DDQ-hRM - CRS804 DDQ A compact 1U 400G switch built for AI clusters, storage fabrics, and...

Liquid cooling Power supply mode Evolution and product introduction of 400G transceiver modules 400G encapsulation form factors Common specifications for 400G modules

HPE has just unveiled its Slingshot 400, a cutting-edge liquid-cooled switch offering an incredible 51.2Tbps capacity and 400Gbps networking.

SINAMICS G150 SINAMICS® G150 is the Siemens drive solution for high-rating single-motor drives that do not require regenerative feedback into the line supply. These are predominantly applications with

Today's rack switches are rapidly approaching their thermal limits with the jump to 400G, 800G, and beyond. The consequences can be bottlenecks, throttling, and increased operating costs.

Liquid-cooled optical transceivers enable efficient 400G-1.6T interconnects for data centers, AI clusters, and HPC.

Choose from new price-performance options on merchant silicon in our 400G and 800G switches and routers to reach new benchmarks of performance and

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