

400G Liquid-Cooled Switch for Edge Computing



Overview

The IntellaView 400G EdgeSwitch performs aggregation, filtering, tunneling, Load Balancing, and more for high-demand AI applications and edge computing. 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. Edgecore contributed to the Open Compute Project. The 7th generation of NVIDIA® Mellanox® InfiniBand provides AI developers and scientific researchers the fastest networking performance available to take on the world's most challenging problems. It provides ultra-low latency and doubles data throughput with NDR 400Gb/s and adds new NVIDIA. The AS9700-32X switch is a thoughtfully optimized design tailored for Leaf/Spine deployments, catering to 400/100G network requirements. With a total of thirty-two QSFP-DD ports, each port operates at multiple speed modes ranging from 10G to 400G, offering versatile connectivity options (speed). HPE is joining the 400Gbps generation for its Ethernet-based HPC interconnect. The new HPE Slingshot 400 not only increases the switch ASIC speed to 51.



Article Content

Nov 15, 2025

HPE Slingshot 400 Brings a Liquid Cooled 51.2T Switch

We saw the new liquid-cooled switch on the SC24 show floor. The switch itself is made for HPE's liquid-cooled supercomputing platforms. As such,

Nov 06, 2025

Liquid Cooling for High-Density AI Infrastructure

As rack densities push past 200kW, cooling is becoming one of the biggest challenges in digital infrastructure. In our latest blog, Lindsay Schulz and I delve into essential components of a direct ...

Nov 04, 2025

Driving Efficiency, Liquid Cooled GPUs Debut at

Liquid-cooled data centers can pack twice as much computing into the same space, too. That's because the A100 GPUs use just one PCIe slot; air-cooled A100

Jul 27, 2025

Edgecore Unveils a High-density 400G Switch for Next

The DCS240 is a high-performance 400G switch, designed for next-generation data center and cloud computing environments. The switch uses the

Feb 20, 2026

Cooling the Network Revolution: Edgecore's Liquid and

Revolutionizing data center cooling with Edgecore's liquid cooling and immersion tech for AI, 800G networks, and sustainable performance.

Sep 13, 2025

200GBASE-SR4 QSFP56 850nm 100m MMF

200GbE QSFP56 SR4 liquid/immersion cooling transceiver, 3M MPO-12/APC Female Type A plug, 8x106.25GBd data lanes, for short-range MMF data

Apr 09, 2026

Edgecore Networks Introduces the Ultra High-Capacity

“With the DCS520, we are proud to offer a powerful solution that meets the evolving needs of modern data center and cloud computing environments.

Sep 29, 2025

Accelerated AI Clusters | HPC Datacenter | Enterprise

NADDOD is a professional provider of innovative optical networking solutions for AI Data Centers, HPC InfiniBand/Ethernet, Telecom, OTN, and Edge Computing.

Aug 17, 2025

OpenAI and Oracle Announce \$30B Stargate Data

OpenAI's groundbreaking \$30 billion annual data center deal with Oracle under the Stargate initiative secures 4.5 GW of hyperscale AI compute

Jan 27, 2026

Edgecore Networks Introduces the Ultra High-Capacity 400G Switch

Edgecore Networks is the leader in open networking, providing a full line of open 1G-400G Ethernet OCP Accepted™ switches, core routers, cell site gateways, virtual PON OLTs, packet

Sep 11, 2025

Edge-Core 400G Switches | Spine & Modular Platforms

Find the right Edge-Core 400G Switches & solutions for your organization. We have the expertise to help your organization.

Jul 09, 2025

Edgecore Networks AS9716-32D 400G Open

This switch incorporates standard features typically found in Top of Rack / Leaf / Spine switches, such as redundant field-replaceable power supplies and fan

Apr 21, 2026

400G network aggregation for AI, core or edge computing | APCON

The IntellaView 400G EdgeSwitch performs aggregation, filtering, tunneling, Load Balancing, and more for high-demand AI applications and edge computing.

May 25, 2026

400G Cloud Data Center switch

Discover Edgecore's industry-first 400G open design switches contributed to OCP. Built for hyperscale data centers, these 400G Ethernet solutions deliver massive scale, low latency, and exceptional

Aug 28, 2025

Cooling the Network Revolution: Edgecore's Liquid and

Traditional air cooling has served data centers for decades, but today's networking and computing demands are pushing it to its limits. High

Sep 20, 2025

ASUS Showcases NVIDIA GB300 NVL72 at SC25

ASUS showcases NVIDIA GB300 NVL72 & Blackwell architecture at SC25! Discover rack-scale AI, 10-petaflops power, liquid cooling & end-to-end

Feb 23, 2026

NVIDIA MELLANOX INFINIBAND

As an ideal rack-mounted InfiniBand solution, the NDR edge switch allows maximum flexibility as it enables a variety of topologies, including Fat Tree, DragonFly+, multi-dimensional Torus, and more.

Aug 16, 2025

What is Liquid Cooled Switch?

A liquid cooled switch is an advanced networking device designed for data centers, utilizing liquid-based cooling systems to dissipate heat more

Apr 16, 2026

Exploring the Future of AI Networking: Liquid-Cooled Switches on the ...

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.

Aug 28, 2025

H3C 400G Ethernet Technology White Paper-6W100

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

Apr 25, 2026

Supermicro SSE-T8196 800G/400G Ethernet Switch

With proven layer 2 and layer 3 capabilities, advanced adaptive routing, dynamic load balancing, and support for end-to-end congestion control, these switches provide the ideal foundation for large-scale

Jan 02, 2026

Edgecore DCS520 (AS9736-64D) | 400G Switch

Edgecore DCS520 is an ultra-high-density 400G QSFP56-DD switch designed for modern data center and cloud environments that require maximum bandwidth,

Mar 09, 2026

HPE Slingshot 400 Brings a Liquid Cooled 51.2T Switch and

HPE has just unveiled its Slingshot 400, a cutting-edge liquid-cooled switch offering an incredible 51.2Tbps capacity and 400Gbps networking. Designed for the demands of AI, supercomputing, and ...

Dec 13, 2025

HPE Slingshot 400 Brings a Liquid Cooled 51.2T Switch

We saw the new liquid-cooled switch on the SC24 show floor. HPE Slingshot 400 Brings a Liquid Cooled 51.2T Switch and 400Gbps Networking The

Contact Us

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