400G Core Switch Available Now

Overview

Transform your data center networking infrastructure with high-density 400G Cisco switches scalable to 800G. Optimized for simplicity and sustainability.

Key Takeaways

High-performance 400G access switches are available from leading vendors including FS, Cisco, Juniper, and Allied Telesis, designed for data centers, AI, and cloud-scale networks. Available 400G Switch OptionsFS N9510-64D: A 64-port 400Gb QSFP-DD data center switch supporting RoCEv2, PFC, and ECN, priced around €29,781 excluding VAT, suitable for high-density deployments. Cisco Nexus 9000 Series: Modular 400G-capable switches optimized for data center and cloud networks, offering high bandwidth, low operational costs, and flexible deployment options.

Juniper QFX and PT

X Series: AI-native 400G switches and routers providing high port density, inline MACsec, and telemetry for hyperscale environments, supporting both scale-up and scale-out architectures. Allied Telesis x980 Series: Non-blocking, low-latency Layer 3 switches for 100G/400G leaf-spine fabrics, supporting VXLAN/EVPN, MC-LAG, and SONiC for open networking deployments. Other Vendors: Cisco, Huawei, Mellanox, and Juniper also offer 400G/800G switches with sub-microsecond latency for AI and HPC workloads.

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Key Features to Consider

Port Density: Many 400G switches offer 64+ QSFP-DD ports, enabling high-density aggregation. Latency: Modern 400G switches provide

Article Content

Cisco 400G Data Center Networking

Transform your data center networking infrastructure with high-density 400G Cisco switches scalable to 800G. Optimized for simplicity and sustainability.

400Gb Data Center Switches

FS 400G data center switches offer high speeds and port densities to meet the network deployment requirements of various scenarios and the evolving requirements of next-generation data center

400G Solutions

For the most demanding environments the 400G routing and switching platforms provide flexibility and choice for large scale cloud, leaf and spine, routing

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

400G Data Centre and Cloud Networking

Transform your cloud networking infrastructure with high-density switches up to 400G. Optimised for simplicity, they are easier than ever to operate.

7830 | Extreme Networks

Enterprise core and data center networks increasingly demand scalable, high-performance switching paired with network automation and security. Designed for high-performance 100G and 400G

Edgecore Networks Announces Optimized 400G Spine Switch for

The DCS511 is an open network data center switch powered by the Broadcom Tomahawk 4 chipset, offering 32x400G ports on a single device. It can be deployed as a spine

400G Data Center Switches

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The Edgecore DCS520 is a high-performance spine switch for data centers, offering line-rate L2 and L3 switching across 64 x QSFP56-DD ports. It supports various configurations and can be deployed as

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, scalable fabric performance, and efficient

CRS812 DDQ Switch – 50G, 200G & 400G Networking | RouterOS v7

The CRS812 DDQ delivers powerful 50G, 200G, and 400G ports, dual-redundant power supplies, 4x hot-swap cooling fans, and a quad-core 2 GHz ARM CPU – perfect for top-of-rack, campus core, AI

Asterfusion SONiC based 32-Port 400G Data center Switch Overview

Boasting a sleek design coupled with high performance, the Asterfusion 400G switch is arguably the best-value-for-money 32x400G switch available at the global market!

Cisco Nexus 9000 Series 400G Deployment Guide

This Cisco Nexus 9000 Series 400G Deployment Guide white paper investigates the business and technical issues pertaining to a platform, solution, or technology and examine its

Edgecore Networks Introduces the Ultra High-Capacity 400G Switch

We aim to help customers build cost-effective, reliable, and scalable networks that meet the demands of their end customers." Availability: The Edgecore DCS520 is now available for order.

400G vs 800G Switch: Tested Specs, Real TCO & When to Upgrade

Based on production deployments at hyperscale: 400G handles up to 2,048 GPUs in flat topology. 800G scales to 10,000+. Real latency tests, transceiver costs included.

Edgecore unveils high-performance 400G spine switch for data centers

The switch features 32 ports capable of 400G speeds, allowing for high-density 100/400 GbE spine-to-spine or spine-to-leaf interconnections. This new hardware offering aims to address the

Extreme Platform ONE and our Expanded Hardware Portfolio to

From data centers to campus cores to compact edge locations, our wired switch portfolio is scaling to meet the evolving needs of high-performance and enterprise deployments. Enterprise

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The Transition from 100G to 200G and 400G Ethernet: A ...

With the transition to 200G and 400G Ethernet, not only is there an increase in speed, but also improvements in latency and energy efficiency.

Global 400G Switch Market Size, Share & Industry Forecast 2026-2034

400G Switch Market Overview 2026-2033 The 400G switch market represents a critical evolution in high-speed networking infrastructure, driven by the exponential growth in data traffic,

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