800G Access Switch



Overview

The S9320-32ED 800G Data Center Switch offers 8x 800GE & 24x 400GE ports, advanced AI/ML traffic control, and 16 Tbps capacity, ideal for high-performance computing. Cisco N9364E-SG2 switches are 64-port 800G fixed switches. Artificial-Intelligence and Machine-Learning (AI/ML) applications are being used increasingly in today's data centers, and Cisco N9000 Series Switches have the hardware and software capabilities to provide the right latency. The Edgecore AIS800-64D / DCS560 is a high-performance, low-latency switch ideal for data centers, AI/ML clusters, and high-performance computing. It features 64x QSFP-DD800 ports and offers scalable, efficient network management. The Edgecore DCS560 / AIS800-64O is a high-performance, low-latency. 7050X SeriesThe 7050X Series combine scalable L2 and L3 features with comprehensive network monitoring, automation, virtualization and visibility features for Enterprise and virtualized Data Center networks. These switches ensure accelerated Ethernet connectivity across all data center environments, maintaining top-notch performance and feature richness. H3C's sub-brand Aolynk, designed specifically for SMB (small and medium-sized business) in global markets. Breakout options include 2 x 400G, 4 x 200G, and 8 x 100G per port, with a maximum of 320 logical ports.

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Article Content

Cisco N9364E-SG2 Switches Data Sheet

Cisco N9364E-SG2 switches introduce high-density 800G aggregation for the data center fabric. They also offer various lower port speeds and densities, including 400, 200, and 100 Gbps.

800G Data Center Switches

The S9321-64E OSFP is an 800G data center switch featuring 64 x 800GE ports, 51.2 Tbps capacity, and advanced traffic management, ideal for AI/ML workloads.

800G Solutions

For the most demanding environments, the 800G routing and switching platforms provide flexibility and choice for large scale cloud, AI, leaf and spine, routing

Supermicro SSE-T8164 800G Ethernet Switch

High density, high efficiency, multi rate 800G/400G/200G/100G switching through either direct and/or breakout cables in ToR application access with server/storage data center environments

800G Silicon Photonic Switches: Revolutionizing AIGC

Currently, various ICT manufacturers are actively transitioning to 800G Ethernet around high-performance computing and AIGC products.

AIS800-64D:High-Performance ai switch for Data Centers

QSFP-DD800 switch ports, each supporting 1 x 800 GbE (100G PAM4), or via breakout cables 2 x 400G GbE, 4 x 200 GbE, or 8 x 100 GbE. QSFP-DD800

800G Ethernet AI Data Center Switches

NADDOD''s 800G Ethernet AI data center switch, with 51.2Tbps bandwidth, Broadcom Tomahawk 5, and SONiC OS, delivers low-latency, lossless performance with scalability for AI workloads.

400G/800G Data Center Switches | High Speed Ethernet Switch for AI

Empower AI data centers with 400G & 800G ethernet switches from Cisco Nexus, Huawei & Arista. All models are available from our global stock. Talk to our experts.

Celestica 800G Switching Solutions for High

With 32 x 800G OSFP ports and up to 25.6 Tbps switching capacity, it''s ideal for hyperscale data centers, backbone networks, and performance

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800GbE Switch 64x 800G OSFP 51.2Tbps Enterprise

Delivering a massive 51.2 Tbps switching capacity and featuring 64x800G ports, it scales effortlessly to support ultra-large data centers with performance rivaling

Data Center Switches

Data Center Switches CloudEngine Data Center Switches — Ethernet switches widely used in diverse applications and in different network sizes, in both data centers and high-end campus networks —

Optical networks | Nokia

Nokia optical network solutions for transport networks with advanced coherent optical engines, scalable open optical line systems, and AI-powered automation.

Next-gen switches & servers: Everything unveiled at

1.6T and 800G pluggable optics Joining the switches and servers was a new line of 1.6 Tb/s (1.6T) pluggable optics designed to support scale out

$AAOI KEY READ-THROUGHS FROM APPLIED

If hyperscalers are urgently qualifying 800G and 1.6T optics, that implies sustained demand for high-speed switching silicon, AI Ethernet systems, network operating software, retimers,

The Ultimate Reference Table for SFP & QSFP Optical Transceiver ...

The definitive guide to SFP, QSFP, and QSFP-DD standards for 2025. Compare 400G/800G optics, understand PAM4 complexity, and master QSFP-DD vs OSFP deployment

Supermicro SSE-T8164 800G Ethernet Switch

The 800G ports in the SSE-T8164 are flexible and can be broken down to 400G, 200G, 100G using breakout cables. The choice of multiple port speeds from 25G to 800G and the advanced software

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Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your network.

800G is Coming: Data Center Operators Prepare for

Bandwidth demand is growing, and fast. Corning discusses what data center operators need to know to prepare for 800G in the future.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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