

Imported Core Switch 800G



Overview

The ETC 800G Ethernet is designed as an interface that uses eight 106Gb/s lanes using two IEEE802. 800Gbps MAC core with streaming user. 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. View Pricing Table The Edgecore DCS560 /. Traditional 400G Ethernet is increasingly inadequate for handling massive workloads efficiently. Breakout options include 2 x 400G, 4 x 200G, and 8 x 100G per port, with a maximum of 160 logical ports. 800G Ethernet represents not only a doubling of bandwidth, but a comprehensive redesign of network topology, congestion control mechanisms, and physical-layer signal. For the most demanding environments, the 800G routing and switching platforms provide flexibility and choice for large scale cloud, AI, leaf and spine, routing transformation and hyperscale IO intensive applications.



Article Content

800G Data Center Switches

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

Cisco N9364E-SG2 Switches Data Sheet

The Cisco N9364E-SG2 are 2-Rack-Unit (2RU) 64-port 800 Gigabit Ethernet switches available in both QSFP-DD and OSFP form factors. They

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

A next-generation, highest-capacity switch for data center spine use case. Breakout options include 2 x 400G, 4 x 200G, and 8 x 100G per port, with a maximum of

800G-Optimized Switch | Edgecore Networks

The DCS560 from Edgecore Networks is a 800G-optimized switch that can provide an ethernet-based fabric for AI/ML workloads. It has a 2RU 51.2 Tbps system

AIS800-32O

32 x 800G OSFP800 with Tomahawk 5 High-performance, low latency switch for high-performance data centers Up to 30W power budget per port

The Rise of 800G Ethernet: FS 800G AI Switches for

Discover 800G Ethernet technology and FS 800G AI switches, delivering ultra-high bandwidth, low latency, and lossless performance for AI/ML

1-800G Data Center Switches from Edgecore, UfiSpace, and BDCOM

The Edgecore AIS800-32D delivers exceptional 25.6 Terabit performance in a compact 1RU form factor, featuring 32 x 800G QSFP-DD800 ports built on Broadcom's Tomahawk 5 silicon. This high-density,

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

64 x QSFP-DD800 switch ports with Tomahawk 5 High-performance, low-latency switch for high-performance data centers

Global 400G/800G/1.6T Switch Market Growth 2025-2031

The global 400G/800G/1.6T Switch market size is predicted to grow from US\$ 4226 million in 2025 to US\$ 42091 million in 2031; it is expected to grow at a CAGR of 46.7% from 2025 to 2031.

800G Data Center Switches

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.

AIS800-64O (OSFP800)

The Edgecore DCS560 / AIS800-64O is a high-performance, low-latency switch ideal for data centers, AI/ML clusters, and high-performance computing. It

In-Depth Analysis Report on 800G Switches | FiberMall

This report will deeply analyze the technical standards, core silicon photonics landscape, system vendors' solutions, and revolutionary changes in

800G Ethernet IP core | Altera

The ETC 800G Ethernet is designed as an interface that uses eight 106Gb/s lanes using two IEEE802.3 400G PCS instances with a single IEEE802.3 compliant 800G MAC.

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

Edgecore Networks Showcases Comprehensive End-to

800G x 64-Port Switch: Capable of supporting 128-256 nodes, featuring NCCL PXN to eliminate latency from cross-switch communication,

800G Data Center Switch for AI/ML Application AIS800 (DCS560

□□ Let's explore the most powerful Edgecore 800G Ethernet switching solution tailored for AI/ML applications Tomahawk5 silicon AIS800 switch!

Edgecore Networks debuts 800G switch to power AI/ML

Edgecore Networks is expanding its portfolio, taking aim at the emerging trend of artificial intelligence (AI) and machine learning (ML) workloads

Core Switch Price Guide: 2026 Benchmarks & Cost Drivers

Learn how AI demand, component shortages, and modular 400G/800G adoption are driving core switch prices up—plus current B2B wholesale benchmarks from \$600-\$6,000 and subscription pricing

Global Data Center Switch Market Report: Strategic Transition to 800G ...

The global Data Center Switch market is projected to reach 10.6-19.2B by 2026 with a 7.5%-9.5% CAGR through 2031. Detailed analysis covers 400G/800G adoption, AI workloads, and

Edgecore Networks AIS800-64D | 800G Cloud& Data

Description Edgecore AIS800 is an ultra-high-density 800G QSFP-DD switch designed for advanced data center and AI network environments that require

Edgecore AIS800-640 | 800G Cloud& Data Center Switch

Edgecore AIS800 is an ultra-high-density 800G OSFP switch designed for advanced data center and AI network environments that require maximum bandwidth,

Microsoft Word

The above licenses do not apply to Ethernet switching chips, CPUs, SerDes cores, transceivers, or any other semiconductor devices referred to in this specification or used in an implementation thereof,

H3C's Core Liquid Cooling Breakthrough: Redefining 800G Switch ...

Building on its S9827 series 800G switch platform, which already incorporates liquid cooling design and has been validated through large-scale deployments, H3C has refined liquid

Networking Unleashed: Edgecore's New 800G

Discover the power of the Edgecore 800G switch with SONiC for AI/ML. Unmatched performance and flexibility in open networking.

AIS800-320

A next-generation, highest-capacity switch for data center spine use case. Breakout options include 2 x 400G, 4 x 200G, and 8 x 100G per port, with a maximum of

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://energy-powertools.eu>

Email: info@energy-powertools.eu

Phone: +49 172 6389472

Address: Musterstraße 12, 10115 Berlin, Germany

This document is for informational purposes only. Specifications subject to change without notice.

