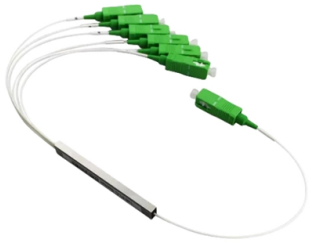
Romanian Offshore Rate Aggregation Switch 800G



Overview

The Accton AS9817-64O is an 800G high-performance switch platform for modern data center applications. The switch provides line-rate L2 and L3 switching across the 64 x 800 GbE OSFP800 ports, each supporting 2 x 400 GbE, 4 x 200 GbE, or 8 x 100 GbE via breakout cables. The ever-evolving landscape of AI/ML technology, coupled with the emergence of new applications, is driving a significant surge in bandwidth requirements with the front-end and back-end data center networks. 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. Built to power the most demanding AI training, inference, HPC, and cloud workloads, the Asterfusion CX864E-N Open Ultra Ethernet Switch is a game-changing data center solution. 2 Tbps switching capacity and featuring 64x800G ports, it scales effortlessly to support. The S9620-32E is a high-capacity 32 x 800G router purpose-built for next-generation IP transport networks. Leveraging the advanced Qumran3D platform, it delivers exceptional forwarding scale, power efficiency, and feature richness to address the rapidly evolving demands of carrier-grade backbone. See Edgecore Networks' Activities Around the World.

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Article Content

7060X6 Series 800G Data Center Switches

Offering up to 51.2 Tbps throughput, Arista''s 7060X6 series delivers the highest density of 800 GbE switching in a single chip platform.

2024-010-AS9817-64O_Accton R03 20240703

The Accton AS9817-64O is an 800G high-performance switch platform for modern data center applications. The switch provides line-rate L2 and L3 switching across the 64 x 800 GbE

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.

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

S9620-32E 800G Open Aggregation Router

The S9620-32E rises to this challenge by providing a compact, power-optimized solution that supports 800G ports with flexible breakout options, enabling seamless scalability and efficient bandwidth

800G OpenZR+

Instead of creating a new specification for 800G OpenZR+ which duplicates these specifications, this white paper points to parts of these specifications that apply for 800G OpenZR+.

Arista OSFP-800G-2xSR4 Compatible Coherent

It enables short-reach interconnection between 800G OSFP switches and 200G/400G NICs, delivering a high-performance and scalable connectivity

ICE-X 800G ZR/ZR+

ICE-X 800G ZR+ provides long-haul-capable performance in a low-power, pluggable form factor, including 800G transmission over

Celestica DS4101 (R4030-F9001) | 800G Data Center

Celestica DS4101 is an ultra-high-capacity 800G OSFP switch engineered for advanced data center and cloud infrastructures that require exceptional

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Edgecore Networks AIS800-32D | 800G Cloud&Data

Edgecore AIS800 is a high-performance 800G QSFP-DD switch designed for advanced data center and AI network environments that require high bandwidth,

How to Choose the Right 800G tranaceiver for Data

Key Technical Specifications of 800g Optical Transceiver Modules Data Rate and Bandwidth Efficiency 800 Gbps aggregate rate with up to eight 100 Gbps lanes

A Comprehensive Guide to 800G Optical Transceivers

An in-depth guide to 800G and OSFP transceivers, explaining form factors, core features, key advantages, application scenarios, FAQs, and their

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

800G Ethernet Explained: Standards, Benefits & Use

Learn what 800G Ethernet is, why it matters & how it powers AI, HPC & cloud data centers. Explore standards, benefits & real-world applications.

800G Aggregation Router

800G Aggregation Router The AGR110 is powered by Broadcom StrataDNX® Qumran MX™ switch silicon, delivering line-rate 800 Gbps Layer 2 and Layer 3 switching. It can be deployed as a top-of

Romania: OMV Petrom to decommission Gloria platform

Romanian oil and gas firm OMV Petrom has decided to decommission of the Gloria offshore platform in the Black Sea. The platform, which has reached the end of its economic lifetime

Everything You Need to Know About 800G/1.6T Optical

Explore 800G/1.6T pluggable optics: key architecture, applications, challenges, and future co-package trends.

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

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