

Huawei All-Optical Switch News



Overview

Huawei has innovatively introduced the all-optical cross-connect (OXC) technology to data center networks (DCNs) and launched the industry-leading DC optical switch — Huawei OptiXtrans DC808 — to build a next-generation optical-electrical hybrid computing DCN for the AI era. 24, 2025 /PRNewswire/ -- At the Network X 2025 ceremony, Huawei won three awards: Most Innovative Optical Transport Use Case, Best Network AI Solution for Fibre Networks, and Outstanding Green Fibre. Winning this award for a second time was a commendation of Huawei's pioneering. Xinghe Intelligent Fabric Solution: This upgraded solution leverages AI across three layers—AI Brain, AI Connection, and AI NEs—to automate deployment, optimize path planning, and enhance fault resolution, boosting AI training efficiency by over 10% 1 5. CloudEngine Series Switches: The latest. [Shenzhen, China, April 2, 2025] On April 1, Lightwave, a world-renowned telecom media, presented its Lightwave+BTR Innovation Reviews winners. Huawei won nine awards with its OptiXtrans DC908 Pro, C+L Dual-band WSS module, OptiXtrans DX808, OptiXtrans E9600/6600 series, OptiX OSN 9800 K36, 50G PON. Huawei convened its OptiX Club (Thailand) session during the Huawei Thailand Digital & AI Summit 2025, under the theme “Accelerate F5G-A, Boost AI. ” The gathering united industry experts, customers, and ecosystem partners to explore how the convergence of optical technologies and artificial.

Article Content

Aug 22, 2025

Huawei's Data Center All-Optical Switch Wins the Special Prize at ...

At Interop Tokyo 2025, the largest ICT exhibition in Japan, Huawei's DC-OXC Photon-Electronics Integration DCN in the AI Era (Data center all-optical switch - Huawei OptiXtrans DC808) won the

Mar 27, 2026

Huawei Switch Trends 2025: AI & Optical Innovation

Discover the latest Huawei switch trends for 2025, including AI-driven management, optical innovations, and ultra-dense data center solutions. Learn how these advancements boost

May 04, 2026

Huawei QSFP-DD-400G-SR4 400G Optical Transceiver Module

The Huawei QSFP-DD-400G-SR4 is a high-performance, hot-pluggable optical transceiver designed for 400 Gigabit Ethernet links over multi-mode fiber (MMF). Utilizing the QSFP-DD (Quad Small Form

Nov 01, 2025

Huawei's Data Center All-Optical Switch Wins the Special Prize at ...

Huawei has innovatively introduced the all-optical cross-connect (OXC) technology to data center networks (DCNs) and launched the industry-leading DC optical switch — Huawei

Sep 23, 2025

Huawei Launches Four Innovative All-Optical Solutions

The global AI industry is booming, accelerating the commercial use of 10 Gbit/s home broadband and 1 ms all-optical metro networks. Huawei's innovative solutions can provide end-to

Jun 21, 2026

EchoLife EG8145V5

The Huawei EchoLife EG8145V5 is a routing-type ONT in the Huawei all-optical access solution. It uses the GPON technology to implement ultra-broadband

Nov 21, 2025

Huawei Launches Four Innovative All-Optical Solutions to Build AI ...

"Huawei continuously innovates to help operators build AI-Centric F5.5G All-Optical Networks with high quality and efficiency, and seize new opportunities."

Dec 29, 2025

Corporate Information

Huawei launched the world's first service- and user experience-centric agile network architecture, along with the first-of-its-kind agile switch S12700 for new

Oct 13, 2025

Build a Prosperous F5.5G All-Optical Network Industry

In recent years, as the industry has come to a consensus and successful pilots emerge, F5.5G all-optical networks have seen accelerated commercial

Jun 27, 2025

Huawei S3700, S5700 and S6700 Firmware & Software Download-Huawei

What's New CloudEngine S3700, S5700, and S6700 Series Switches What's New (V600) Documentation Bookshelf HUAWEI S Series Switches After-Sales Documentation Bookshelf

May 10, 2026

Huawei Launches F5G-A Series Products, Focusing on "Optical + AI"

As AI redefines Thailand's industrial landscape, Huawei reaffirmed its commitment to ongoing innovation and collaboration with local customers and partners—accelerating the

Dec 21, 2025

Huawei Proposes Building an AI-Centric All-Optical Target

Kim Jin said, "The AI era brings operators a once-in-ten-years new chance. Huawei is committed to working with industry partners to build an AI-centric all-optical target network.

Aug 13, 2025

Huawei Wins Award for Two Consecutive Years

Not only an award winner at Network X, Huawei also unveiled its AI-oriented OTN solution and showcased a range of innovative products and

May 26, 2026

What Is a Switch? What Is It Used for?

What Is a Switch? A switch enables network communication for connected IT devices. Switches fall into different categories from different perspectives, including Ethernet switches, Layer

May 13, 2026

Huawei Wins Three Awards in the All-Optical Network Field at

Huawei won three awards in the all-optical network field at Network X. Huawei continues to lead the way in optical transmission, driving innovation and real-world adoption of...

Oct 16, 2025

Empowering Enterprise Connectivity: An In-Depth Look at the Huawei ...

Discover the details of Empowering Enterprise Connectivity: An In-Depth Look at the Huawei S5735-L48P4X-A Switch at LonRise Equipment Co. Ltd., a leading supplier in China for

Jan 14, 2026

Huawei S3700, S5700 and S6700 Switches Support Guide, Manuals

S3700& S5700& S6700 Series: Access product manuals, HedEx documents, product images and visio stencils.

Jul 16, 2025

Huawei Launches 3 Solutions to Embrace F5.5G and

During MWC 2023, Huawei launched three solutions — Huawei FTTR OptiXstar F30, industry's first commercial 50G PON, and Huawei OptiX Alps-WDM, solutions

Dec 21, 2025

Huawei Wins Nine Lightwave+BTR Innovation Reviews

This was Huawei's highest number of Lightwave Reviews honors and also the most of any vendor this year, demonstrating the company's technical

Dec 23, 2025

Future All-optical Network Architecture and Key Technologies

New Solutions Future All-optical Network Architecture and Key Technologies Evolving towards the 2030 optical communications network system and architecture is a key issue facing the optical

Jan 04, 2026

F5.5G All-Optical 10Gbps and Premium Transmission

During MWC Shanghai 2024, the F5.5G All-Optical Network Summit was successfully held with the theme of All-Optical 10Giga, Premium

May 30, 2026

Huawei Releases 7 Innovations to Help Carriers Build

[Istanbul, Türkiye, November 5, 2024] During UBBF 2024, Kim Jin, Vice President of Huawei Optical Business Product Line, released seven innovations for the F5.5G

Mar 06, 2026

Global All-Optical Switches Market Research Report 2026

The global All-Optical Switches market was valued at US\$ 783 million in 2025 and is anticipated to reach US\$ 2334 million by 2032, at a CAGR of 17.1% from 2026 to 2032.

Sep 18, 2025

Huawei Switches Viewing Optical Port Receiving and Sending

Use the command display transceiver to view the optical module information of all optical ports, and use the command display transceiver interface interface-type interface-number to view the

Feb 22, 2026

Huawei Optical Switch Innovation: Comprehensive Breakthrough from

Comprehensive analysis of Huawei's revolutionary optical switch innovations for 2025, including data center all-optical switching, silicon photonics integration, quantum-compatible

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