

Article Overview

H3C fiber optic switches provide high-performance, scalable, and flexible solutions for SAN and enterprise fiber networks, supporting speeds up to 64Gb/s and advanced management features.

Key Models and Features

H3C CN Series (CN3360B, CN6660B, CN6675B, CN3370B)

- o CN3360B: Compact 1U form factor, 8-24 ports, supporting 4, 8, 16, or 32Gbps speeds. Offers simplified deployment and a user-friendly click-based interface, with "pay-as-you-grow" scalability for evolving storage environments .
 - o CN6660B: 32Gb 48-port switch with high I/O performance, low latency, and support for highly virtualized environments. Scalable from 48 to 64 ports, it provides ISL compression and granular visibility into NVMe storage fabrics .
 - o CN6675B: Gen 7 Fibre Channel switch with autonomous SAN capabilities, integrated security, and advanced automation. Supports 48-128 ports in a 2U form factor, configurable port speeds (8G-64G), and flexible SFP-DD or SFP+ transceivers for dense, high-performance connectivity .
 - o CN3370B: Designed for small and medium-sized enterprises, offering up to 64Gb/s bandwidth, low latency, automated configuration, and scalable port expansion. Optimized for cost-effective and efficient SAN deployment .
- H3C S5170 Series
- o Enterprise Intelligent (EI) access switches focused on fiber connectivity, with optional PoE. Available in 28-port and 54-port fiber models, these switches provide reliable, manageable access-layer networking for campuses, enterprises, and branch offices. They emphasize stability, predictability, and ease of operation while supporting long-term deployment .

Performance and Scalability

H3C fiber optic switches are designed to handle high-density, high-bandwidth environments. They support:

- o High port density: Up to 128 ports in a single switch (CN6675B)
- o Flexible speeds: 8G, 16G, 32G, and 64G depending on model and transceiver type
- o Scalable architecture: "Pay-as-you-grow" and Ports on Demand (PoD) allow incremental expansion without replacing hardware
- o Low latency and high throughput: Optimized for SAN and virtualized storage environments

Management and Security

- o User-friendly interfaces: Click-based or automated configuration tools simplify deployment and monitoring



H3C Fiber Optic Access Switch

- o Integrated security: Gen 7 switches validate hardware/software integrity, harden Fabric OS, and protect against malware and hijacking attacks
- o Autonomous SAN capabilities: Self-learning, self-optimizing, and self-healing features reduce manual management and improve uptime

Applications

H3C fiber optic switches are suitable for:

- o Data centers: High-performance SANs, NVMe storage fabrics, and virtualized environments
 - o Small and medium-sized enterprises: Cost-effective, scalable SAN solutions with simplified management
 - o Campus and enterprise networks: Fiber-first access-layer deployment with optional PoE for downstream devices
- H3C fiber optic switches combine high performance, flexible scalability, and advanced management to meet the needs of modern storage and enterprise networks, ensuring reliable, secure, and efficient data connectivity across diverse deployment scenarios .

H3C Fiber Switches leverage multi-mode and, crucially, single-mode optics to deliver blistering speeds - think 10G, 25G, 40G, 100G,

The H3C CN6665B enterprise-class switch delivers industry-leading port density with 128 Fibre Channel ports in an elegant 2U form

In contrast, the EPON-based POL solution leverages the EPON OLT's enhanced Ethernet forwarding and switching capabilities.

The H3C CN6670B with Gen 7 Fibre Channel is a building-block switch with ultra-low latency and unmatched 64G performance that

The H3C CN3360B switch is designed for enhanced flexibility and better investment protection, featuring a compact 1U form factor

Storage Area Network The H3C Fibre Channel Switch series provides powerful and reliable FC and multi-protocol switching,

H3C S5120V3-LI Ethernet switch product is independently developed by New H3C Technologies Co., Ltd. (H3C). It is a second

Distributed Storage H3C ONEStor A new-generation software-defined storage Storage Area Network H3C Fibre Channel Switch

H3C Fiber Optic Access Switch

The H3C S5170 series is positioned as a fiber-first Enterprise Intelligent access switch family. It is designed for environments that

H3C S6850 switch series support Fiber Channel over Ethernet (FCoE), which permits storage, data, and computing services to be

Explore the complete 2026 buying and design guide for H3C S5130S, forwarding rate,

H3C S5170-EI series switches are mainly positioned at the access layer and aggregation layer of enterprises and campuses, meet

H3C ES4200 series is the latest development of Gigabit speed managed Ethernet switch. Besides high-performance access, it also

Recently, New H3C UniStor CN3370B, a subsidiary of Tsinghua Unigroup, officially released a new fiber optic switch.

H3C S6800 series switch is H3C self-developed cloud ready data center intelligent switches. The S6800 series switch delivers cloud

H3C S9850 high-density intelligent series switches is developed for data centers and cloud computing networks. It provides powerful

Web: <https://bssoda.pl>

