

Core Network Switch H3C



AI Overview

H3C network core switches are high-performance, scalable, and secure solutions designed for enterprise and data center core networks. Overview H3C offers a wide range of core switches tailored for modern enterprise, campus, and data center networks. These switches are engineered to deliver high throughput, low latency, and robust security, supporting large-scale deployments and complex traffic patterns. They are suitable for WAN, 5G bearer networks, and data center interconnections, providing a reliable backbone for mission-critical applications. Key Features High Port Density and Speed: Core switches like the S12500 series support up to 3072 line-speed 10G/25G ports or 768 line-speed 40G/100G/400G ports per chassis, while models like the S7503X offer extensive bandwidth for enterprise core layers. Advanced Architecture: Features such as CLOS+ Multi-Plane Architecture and independent engines for control, detection, and maintenance ensure scalability and 50ms failover reliability. AI-Enhanced Performance: Some models integrate AI algorithms and GPU-based computing to optimize network performance and traffic management. Layer 2/3 Capabilities: H3C core switches support VXLAN, OpenFlow, SDN, and advanced L3 features, enabling intelligent segmentation and multi-tenant environments. Security: Built-in security mechanisms protect against unauthorized access, spoofing, and internal misuse, ensuring enterprise-grade network protection. Virtualization and Stacking: Multiple switches can operate as a single logical device, simplifying management and enabling seamless expansion. Deployment Scenarios H3C core switches are ideal for: Enterprise Core Networks: High-performance backbone for large organizations requiring robust traffic management and security. Data Centers: High-density connectivity for server access, aggregation, and spine-leaf architectures. WAN and 5G Networks: Scalable solutions for carrier-grade networks and interconnection scenarios. Popular Models S12500 Series: Design...

Article Content

H3C S7500X Enterprise Core Switch Series

The H3C S7500X series switch is designed for the next-generation enterprise core networks. It adopts modular design, uses H3C's proprietary operating system Comware V7 and provides the following

H3C S7503X Core Switch 3 Slots 960Gbps Price

The H3C S7503X, part of the H3C S7500X switch series, is designed for next-generation enterprise core networks. This advanced switch supports high

10g sfp multi mode optical module online manufacture

H3C LS-7000X Series New-generation Campus Core Switch Product Overview (Simplified Version) The H3C LS-7000X Series are third-generation campus core Ethernet switches independently developed

H3C S10500X-G Series Next Generation Core Switch

H3C S10500X-G is a high-end Switch series designed for the core layer in intelligent Campuses and Data Centers. Powered by the H3C COMWARE 7 network operating system, the S10500X-G offers

H3C 24-Port Switch Buyer's Guide for SMB & Enterprise

The market for H3C 24-port switches in 2026 is defined by H3C's dominant position in the China campus switch market (38.2% share) and its aggressive global expansion into ASEAN and Central Asia

Switches-H3C

Switches Campus Network Switches Services integration and intelligent access H3C has been deeply engaged in the campus network for many years with various product levels. It can provide users with

H3C S7503X Series Enterprise Core Switches

H3C's S7500X series switches are designed for use at the core of next-generation enterprise networks.

Switches

With a range spanning ten series and hundreds of switches, H3C's options can cover your networking needs – from the data center core to campus access and

H3C S10500X Series Multiservice Core Switch

H3C S10500X series switch is designed for the core layer of data centers and next-generation campus networks as well as the distribution layer of MANs. It provides the following features: Advanced

H3C S10500 Series Switches

H3C S10500 Series Switches The H3C S10500 switch series is designed for the data center cloud networks, next-generation enterprise core networks, and MAN convergence. It uses H3C's

H3C S10500X-G Series Next Generation Core Switch-H3C

H3C S10500X-G switch series is a series of Ethernet core switches specifically designed for the core layer of cloud computing data centers and next-generation intelligent campuses. Running the H3C

Efficient connection artifact! apesd mpo fiber patch cord ...

Have you ever experienced data transmission delays due to fiber optic patch cord issues? apesd mpo fiber optic patch cords, compatible with h3c and huawei switches, deliver efficient

H3C S5120V3-LI Series (2026): Models Comparison

Compare all 13 types of H3C S5120V3 models for 2026: ports, SFP/SFP+ uplinks, PoE budgets, switching/forwarding, stacking, and a deep technical FAQ.

Products & Technology

With a range spanning ten series and hundreds of switches, H3C's options can cover your networking needs – from the data center core to campus access and

Unlocking the Power of H3C Campus Network Core

With a focus on innovation, security, and sustainability, H3C's core switches empower educational institutions and enterprises to build networks that

Core Switch vs. Distribution Switch vs. Access Switch

Core Switch vs. Distribution Switch vs. Access Switch: Understand Their Roles in Ethernet Networks Ethernet networks are growing and becoming more complex,

S6700-24-Ei/S6700-48-Ei Full 10g All-Optical Core Fiber Switch

Brand□ Huawei Condition□ Brand New Is It Stackable?□ Not Stackable Transfer Speed□ 1000Mbps Color Classification□ S6700-24-EI S6700-48-EI 0SX010000 Model□ S6700-24-EI After-Sales

H3C S7500X Enterprise Core Switch Series

Wire Speed 10G/40G/100G Line CardVirtualization Technologies - IRF2Virtualization Technologies -Mdc CapabilityDc-Oriented FeaturesComprehensive MPLS/VPLS CapabilityHigh-Performance IPv4/IPv6 Service CapabilitiesHardware Level Encryption Technology MACsecH3C S7500X switch series comes with IPv4/IPv6 dual-stack platform that provides sophisticated IPv4/IPv6 solutions by supporting multiple tunnels, IPv4/IPv6 Layer 3 routing protocols, multicasting, and policy-based routing. The S7500X switch series is a mature commercial IPv6 product that has passed the IPv6 network access certification of the China...See more on h3c network-switch

All H3C Switches | Enterprise, Campus - network

Explore all H3C switches including S9850, S6520X, S5560X, S5130S, S1600V2, and more. High-performance, secure, scalable enterprise networking.

Cisco SFP vs GBIC vs XFP vs SFP+: A Practical

At Network-Switch , we provide a full range of SFP transceivers - SX, LX, ZX, and Copper - fully tested for Cisco, Huawei, H3C, Arista, and NS

NADRA Jobs 2026 - Assistant Director Network Engineer Core Networks ...

6. Switching Deployment: Hands-on experience in switching configuration, deployment, and optimization 7. Vendor Expertise: Practical exposure to H3C Data Center Switching, Huawei

2026 Cat6 Ethernet Guide: Performance, PoE, and Real

Guide to Cat6 Ethernet cable: Cat6 vs Cat5e vs Cat6a, 1G-10G performance, PoE/PoE++, UTP vs shielded, solid vs stranded, and best

Switches

The H3C S12500 series is engineered for WAN, 5G bearer networks, and data center interconnection scenarios, offering unmatched performance, scalability,

Contact Us

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