

What are the models of H3C core switches



AI Overview

H3C core switches include the S12500, S10500X, S7500X, S9850, S6800, and S6520X series, designed for enterprise and data center core networks. Key H3C Core Switch Series:

- S12500 Series**: Designed for large-scale cloud data centers and high-performance enterprise cores. Models include S12504X-AF, S12508X-AF, S12516X-AF with switching capacities from 57.6T to 230.4T and line card slots ranging from 4 to 16. Supports 10G/40G/100G/400G interfaces, high availability, virtualization, and AI-enhanced features in the S12500G-AF variant.
- S10500X Series**: High-performance chassis switches for enterprise core and aggregation. Offers modular uplinks, high throughput, and advanced Layer 3 features suitable for large campus networks.
- S7500X Series**: Next-generation enterprise core switches. Includes S7500X and S7500X-G models, providing high-density 10G/25G/40G uplinks, strong L3 capabilities, and IRF virtualization support.
- S9850 Series**: Designed for data-intensive workloads, cloud computing, and virtualization fabrics. Supports 10G/25G/40G/100G with high-capacity forwarding and advanced reliability, ideal for large enterprise cores.
- S6800 Series**: High-performance core switches for enterprise and campus networks. Offers modular or fixed uplinks, multigigabit access, and strong L3 features, suitable for high-density user environments.
- S6520X Series**: Provides high-performance Layer 3+ access and aggregation. Includes S6520X-HI, S6520X-EI, and S6520X-SI models with 10GbE/40GbE/100GbE uplinks, IRF stacking, and modular dual power options.

Summary: H3C core switches are primarily chassis-based, high-capacity devices designed for enterprise and data center networks, supporting high-speed uplinks, virtualization, and advanced Layer 3 features. The main series include S12500, S10500X, S7500X, S9850, S6800, and S6520X, each tailored for different s...

Article Content

Which Wins: Threadripper vs Xeon 2026 for Workstation Builds?

Threadripper's higher upfront cost yields 30% faster renders, lowering TCO by shortening project timelines; WECENT's competitive B2B pricing on full builds with Cisco/H3C switches, plus

H3C Unveils Agentic AI Switches & World's First Wi-Fi 8 AP (June 2026)

Traditional networking models are struggling to keep pace with intelligent computing. To solve this, H3C announced a paradigm shift toward an "Agentic-driven Network." By integrating

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

All H3C Switches | Enterprise, Campus ; SMB Series

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

NAVIGATE 2026 | H3C Launches Full-Stack AI Infrastructure: The

China, Hangzhou-May 22, 2026 - At the NAVIGATE 2026 International Summit, H3C officially introduced its next-generation, system-level full-stack AI infrastructure solutions to the global market. This

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 Switch Layer 3 Routing FAQ: Expert Answers To Technical ...

This makes H3C switches suitable for complex core, distribution, and data center deployments where dynamic routing is essential. Q4: How do I configure a static route on my H3C Layer 3 switch? To

H3C Products Catalogue

H3C S12500X-AF is a new generation chassis switch product developed by H3C for high-density 40G/100G/400G data center core network applications. It inherits and develops the CLOS+

H3C Products Catalogue

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

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

Best Enterprise Switches 2025: Top 5 Network Switches

Our 2025 guide compares the top 5 enterprise switches from Cisco, HPE, Arista & more. Deep-dive on technical specs, AI capabilities, and use cases.

Products & Technology

Switches After over 20 years of networking innovation, research and development, H3C has accumulated significant industry-leading Ethernet-related intellectual

H3C S6520X Switches in 2026: Model Comparison and Deployment

Compare 10 models of S6520X series switches with verified ports, uplink options (40G/100G), and role-based deployment scenarios.

Switches-H3C

H3C industrial switches can operate in -40°C - 75°C environments for a long time, and use industrial components to reach IP40 rating. At the same time, with shockproof, anti-electromagnetic

H3C Switch Essentials? What Separates It From The Rest?

H3C switches enter this chaos as silent orchestrators. Built on decades of enterprise-grade R& D—originally Hewlett-Packard's networking lineage—they're engineered to ...

Exploring H3c Core Switch: Material Grades, Properties, and Uses

Types of H3C Core Switches A core switch serves as the backbone of enterprise and campus networks, handling high-speed data traffic between distribution and access layers. H3C offers a comprehensive

The New Cold War Is Over GPUs: How Sovereign AI Drives 2026

Sovereign AI server procurement is reshaping global IT infrastructure as nations build national AI supercomputing centers to avoid reliance on foreign cloud models.

NVIDIA's 2026 Q1 earnings

Global Enterprise AI LAN Solutions Drive Automation | H3C-H3C

Deep Scenario Adaptability: Tailored Solutions for Industry Challenges Moving beyond generalized networking models, H3C adopts a vertical-specific strategy, deeply integrating network

H3C Switch Layer 3 Routing FAQ: Expert Answers To Technical ...

No, Layer 3 routing functionality depends on both the specific H3C switch model and its software license. Only models designated as Layer 3 switches, such as the S5130, S6520X, S7500, S9820,

NVIDIA GeForce RTX 6090 (Rubin GR202): Release Date, Specs,

By aligning GPU selection with CPU capacity, storage throughput, and switch performance from vendors like Cisco and H3C, WECENT ensures that enterprises can fully exploit their GPU investments. This

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

Unlocking the Power of H3C Campus Network Core Switches

With a proven track record in medium to large campus networks, this series offers comprehensive Layer 2 and Layer 3 switching capabilities, ensuring seamless connectivity across

H3C Products Catalogue (H3C Server, Switch) | PDF

Switches H3C S12500X-AF is a new generation chassis switch product developed by H3C for high-density 40G/100G/400G data center core network applications.

H3C Switch Layer 3 Routing FAQ: Expert Answers To Technical ...

Überblick & Thematischer Rahmen Understanding the Layer 3 routing capabilities of an H3C-Schalter is critical for both network architects planning new deployments and engineers troubleshooting existing

Contact Us

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