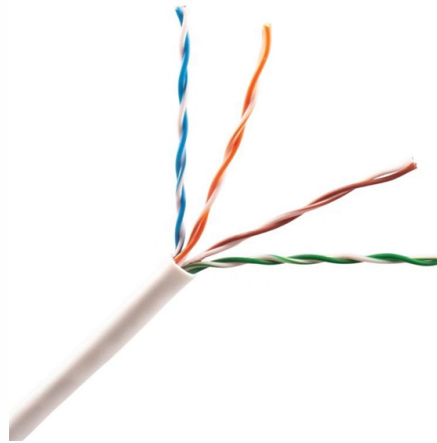


Network version of H3C core switch



AI Overview

H3C core switches run on Comware OS and include series such as S7500E, S7500X, S9900E, and S12500, offering high-performance, scalable, and virtualized network solutions for enterprise and data center cores. Overview of H3C Core Switch Series

S7500E Series The S7500E series is a widely deployed enterprise core switch line, now updated to Comware V7. Key features include high-density 10G line cards, support for MDC (Multitenant Device Context), IRF2 virtualization, VXLAN, MACsec, and EVPN based on MP-BGP. These switches provide high availability, load balancing across chassis, and simplified management through a single IP address for the IRF fabric. Models include S7503E-M and S7506E-NonPoE, suitable for enterprise network modernization and multi-service support.

S7500X Series Designed for next-generation enterprise core networks, the S7500X series emphasizes high-performance Layer 3 switching, virtualization, and automation. It supports modular uplinks (10GbE/40GbE/100GbE) and IRF for fabric virtualization, enabling multiple physical switches to operate as a single logical switch.

S9900E Series The S9900E series targets campus network cores and metropolitan area network aggregation. It uses an advanced CLOS multi-level multi-plane switching architecture, supports MDC one-to-many virtualization, and integrates MPLS VPN, IPv6, and wireless services. High-reliability features include uninterrupted forwarding, graceful restart, and ring network protection. This series is ideal for large-scale, high-bandwidth environments requiring continuous upgrade capabilities.

S12500 Series The S12500 series is designed for cloud data center cores, supporting up to 48-port 400G forwarding per slot. It provides a high-capacity, scalable platform for data-intensive workloads, virtualization fabrics, and cloud computing, making it suitable for enterprise and service provider environments.

Software and Virtualization All H3C core switches run Comware OS, which provides a unified command interface, simplifies configuration,...

Article Content

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 7503E-M Series Enterprise Core Switches

The S7500E V7 series switches are a mature commercial product for IPv6 networks. MACsec hardware encryption technology Switches H3C's S7500E V7 series

H3C Successfully Demonstrates Interoperability at

Paris, France, April 11, 2024 – At the 25th Edition of the MPLS SD & AI Net World Congress, H3C participated in multi-vendor interoperability tests conducted by

H3C NonPoE Series Core Switches for Enterprise Networks

H3C's S7500E V7 series switches feature a dual IPv4/IPv6 stack, which provides a comprehensive IPv4/IPv6 solution with support for multiple tunnels, IPv4/IPv6 Layer 3 routing protocols, multicast

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 S6520X-SI Series Multi-Gigabit 10GE Switches-H3C

H3C S6520X-SI Series Switches—Industry-leading high performance and scalable 10GE access switching solution with modular dual power, fixed or modular uplinks (10GE/40GE) and IRF for

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

All H3C Switches | Enterprise, Campus

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

H3C S7500E V7 Series Enterprise Core Switch

Virtualization technologies – MDC Capability MDC virtualizes one S7500E V7 switch (except S7503E-M) into multiple logical switches, enabling multiple services to share one core switch. The 1:N

The leader in digital and AI solutions-H3C-H3C

H3C is committed to becoming the most trusted partner of its customers in their quest for business innovation and digital transformation. We offer a full portfolio

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 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 Chine...See more on h3c xmfeel

Switches - h3c.xmfeel

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 Products Catalogue (H3C Server, Switch) | PDF

It creates a sustainable and massively-connected ecosystem to support the traditional industrial chain for digital transformation, and provides a reliable and

H3C Switch Command Mastery: Streamlined

In today's fast-paced network environments, H3C switches form the backbone of enterprise connectivity. While many administrators rely on GUI configurations,

H3C S7500X Series

Overview 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

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 practices for network.

H3C Campus Fixed-Port Switches Web-Based Configuration Guide

Examples in this document might use devices that differ from your device in hardware model, configuration, or software version. It is normal that the port numbers, sample output, screenshots,

H3C S10500X Series

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 Products Calalogue (H3C Server, Switch) | PDF

The document is a 2023 product catalogue for H3C products. It provides an overview of H3C's digital solutions including smart connectivity, cloud computing,

Contact Us

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