

H3C Core Aggregation Switch



AI Overview

H3C aggregation switches, such as the S6526XE-EI, S6520X-HI, and S6530X series, offer high performance, scalability, and advanced features for modern network environments.

Key Features of H3C Aggregation Switches

High Performance and Scalability: H3C aggregation switches are designed to handle high-density 10GE forwarding, making them suitable for demanding network applications. For instance, the S6526XE-EI series supports up to 72 10GE ports on a single switch, allowing for flexible expansion and high throughput.

Modular Design: Many H3C switches, including the S6520X-HI and S6530X series, feature modular designs that allow for dual power supplies and various uplink options (10GbE, 40GbE, 100GbE). This modularity enhances reliability and enables easy upgrades as network demands grow.

Intelligent Resilient Framework (IRF): H3C switches utilize IRF technology, which allows multiple switches to be managed as a single device. This simplifies management, enhances scalability, and provides fault tolerance, making it easier to expand network capacity without significant reconfiguration.

Open Application Architecture (OAA): H3C's OAA enables the installation of high-performance OAP modules, allowing switches to perform additional functions such as firewall, IPS, or load balancing without needing separate hardware. This feature enhances the versatility of the switches in various network scenarios.

WLAN Integration: H3C aggregation switches can also support WLAN functions by installing an AC feature pack, allowing for a unified wired and wireless solution. This integration helps reduce overall investment while improving network performance.

Models Overview

H3C S6526XE-EI Series: Offers advanced aggregation capabilities with support for various port configurations and high-density 10GE forwarding. It is suitable for enterprise networks requiring robust performance and flexibility.

H3C S6520X-HI Series: Known for its high performance and scalability, this series supports multiple uplink options...

Article Content

H3C S6550XE-HI Series 25G Ethernet Switch: High

In large and medium-sized enterprise or campus networks, the S6550XE-HI series serves as a high-performance aggregation switch, delivering

H3C S6530X Series

Product Overview H3C S6530X series switches provide industry-leading high performance and scalable aggregation switching solution with modular dual power, fixed uplinks (40GE/100GE) and IRF for

H3C S6530X Series Advanced Aggregation 25GE Switches Datasheet

Redundancy and load balancing—The distributed link aggregation technology supports load sharing and mutual backup among multiple uplinks, which enhances the network redundancy and improves link

H3C S5580X-HI Series Switches

H3C S5580X-HI series switches support M-LAG, which enables links of multiple switches to aggregate into one to implement device-level link backup. M-LAG is applicable to servers dual-homed to a pair

H3C S5560X High-Density Layer 3 Campus/Core

Designed for large campus aggregation and distribution layers, it integrates VXLAN/EVPN, IRF virtualization, advanced routing, and enterprise-grade

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H3C S12500G-AF Data Center Intelligent Core Switch

H3C S12500G-AF is H3C's new generation of AI intelligent switches for the core scenarios of data centers, providing the industry's highest switching. It provides the following features: CLOS+ multi

H3C S5590 Series Switches: Future-Ready Aggregation for Evolving ...

It consolidates traffic from access switches, wireless controllers, and edge devices before efficiently forwarding it to the core or data center. This role is increasingly ...

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.

H3C S6520X-18C-SI Switch 16×10GE SFP+ Multi-Rate

Boasting 16-port 10 Gigabit optical ports supporting multi-rate transmissions from 10Mbps to 1000Mbps, this high-performance switch is tailored for enterprises

2026 Enterprise Switching Trends: 1G to 10G/25G

Summary The 2026 enterprise "default upgrade" is no longer just faster access ports-it's a balanced plan: 10G as a common access baseline,

H3C S6530X Series Advanced Aggregation 10GE Switches

H3C S6530X series switches provide industry-leading high performance and scalable aggregation switching solution with modular dual power, fixed uplinks (40GE/100GE) and IRF for resiliency. The

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H3C S5560S-28S-EI 24 Gigabit electrical port 40000 Gigabit optical port aggregation Layer 3 core switch H3C S5560S-EI Series Enhanced Gigabit Switches H3C S5560S-EI Switch Series is robust

H3C S6520X-HI Series Advanced Aggregation 10GE

Multichassis Link Aggregation Group (M-LAG) (Original DRNI) H3C S6520X-HI series switches support M-LAG, which enables links of multiple switches to

H3C S6520X-EI Series Enhanced 10GE Switches

Multichassis Link Aggregation Group (M-LAG) (Original DRNI) H3C S6520X-EI series switches support M-LAG, which enables links of multiple switches to aggregate into one to implement device-level link

H3C Switches | Access/Aggregation/Core

H3C switches for campus and data center—access, aggregation, core with 10/25/40/100G. CN/HK stock, fast delivery, selection and compatibility support.

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

Compare H3C 24-port switch series (S1850, S5130S-EI, S5560) by PoE+, Layer 3 features, IRF2 stacking, and energy efficiency. See specs, use cases, and sourcing options.

H3C S7006X Chassis Switch, S7500 Series 6-Slot Core Aggregation

This versatile switch offers exceptional performance, scalability, and reliability, making it ideal for complex networking environments requiring advanced management and security features.

H3C S5590-EI Series Converged Gigabit Switches-H3C

In the campus network, H3C S5590-EI series switches can be used as aggregation layer equipment, or as the core of small and medium-sized enterprises;

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

Learn the differences between SFP, SFP+, GBIC, and XFP modules - speeds, distances, and compatibility, from Network-Switch experts.

Core, Aggregation, or Access Switches? Choose the

Discover the crucial differences between core, aggregation, and access switches. Find out which type can best transform your network's

H3C S6530X Series Advanced Aggregation 25GE

H3C S6530X series switches provide industry-leading high performance and scalable aggregation switching solution developed by H3C using ASIC

Products & Technology

H3C S10500X Series Next Generation Multiservice Core Switch H3C S10500X series switch is designed for the core layer of data centers and next-generation

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

Multi-chassis Link Aggregation Group (M-LAG) (Original DRNI) H3C S6520X-SI series switches support M-LAG, which enables links of multiple switches to aggregate into one to implement device-level link

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 S6526XE-EI Series Advanced Aggregation 10GE Switches

H3C S6526XE-EI series switches Industry-leading high performance and scalable 10GE access switching solution with modular dual power, fixed or modular uplinks (10GE/25GE/40GE/100GE) and

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

Contact Us

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