

Huawei Converged Layer 3 Core Switch



Overview

With up to 48 10 GE downlinks and 40/100 GE uplinks, the S6730-H series supports bandwidth-hungry access and spine layers—perfect for Wi-Fi 6 APs, 4K/8K video, and virtualization workloads. Based on Huawei's VRP OS, the series delivers OSPF, BGP, RIPng, IS-IS, VRRP, and so on. This document describes the configuration of Ethernet services, including configuring link aggregation, VLANs, Voice VLAN, VLAN mapping, QinQ, GVRP, MAC table, STP/RSTP/MSTP, SEP, and so on. Positioned perfectly as an Aggregation Switch or Core Switch, the S6730-H delivers scalability, security, and cost-effectiveness for modern digital. e Ethernet networking. It also provides enhanced Layer 3 features and mature IPv6 features. eKitEngine S530 switches can be use in various scenarios. This. H3C UniServer R6900 G6 server, running a full load of 777 high-load virtual machines, achieved a performance score of 13,880 points, setting a new record. An ultra-compact, palm-sized AI. The S3700 series enterprise switches (S3700s) are next-generation energy-saving Layer 3 switches. With **48 10/100/1000Base-T ports** and flexible uplink options, this switch provides robust and.

Article Content

Jun 29, 2025

S5730-SI Series Standard Gigabit Ethernet Switches

The S5730-SI supports multiple Layer 3 features including OSPF, IS-IS, BGP, and VRRP, meeting enterprises' requirements on access and aggregation service transmission and enabling a variety of ...

Feb 16, 2026

Switches-H3C

It can provide users with full-scenario product capabilities including core, convergence and access. Core/Convergence provides multi-service capabilities such as security, wireless, SDN, PON, and PoE.

Jul 14, 2025

Huawei CloudEngine S16700 Series Flagship Core Switches ...

- On a large enterprise campus network using a three-layer architecture, the Huawei CloudEngine S16700 switch can be used as the core switch. The switch provides various 10GE, 40GE, and ...

Nov 16, 2025

S3700 Series Enterprise Switches

The S3700 series enterprise switches (S3700s) are next-generation energy-saving Layer 3 switches. The S3700 utilizes cutting-edge hardware and Huawei Versatile Routing Platform (VRP) software to ...

Jun 10, 2026

Huawei eKitEngine S530 Series Switches Datasheet

eKitEngine S530 series switches provide multiple Layer 3 features including OSPF, IS-IS, BGP, and VRRP, meeting enterprises' access and aggregation service needs and enabling a variety of voice, ...

Feb 02, 2026

Huawei S3700 Series Switches Product Datasheet

The S3700 series enterprise switches (S3700s) are next-generation energy-saving Layer 3 switches. The S3700 utilizes cutting-edge hardware and Huawei Versatile Routing Platform (VRP) software to ...

May 01, 2026

Huawei S5700

The S5700-LI is a next-generation energy-saving gigabit Ethernet switch that provides flexible GE access ports and 10GE uplink ports.

Nov 12, 2025

Huawei Quidway S5352C-EI

The **Huawei Quidway S5352C-EI**, also known by its part number **LS-S5352C-EI**, is a high-performance **Layer 3 Ethernet switch** designed to meet the demands of enterprise network ...

Jan 11, 2026

Huawei S6730 Switch - 10GE Aggregation & Core Switches

The Huawei S6730-H Switch series answers with high-density 10 GE access, robust Layer-3 capabilities, VXLAN virtualization, and intelligent O& M. Positioned perfectly as an ...

May 18, 2026

Layer 3 Switching

In a summary, a Layer 3 switch provides high-speed Layer 3 switching through one routing process (forwarding the first packet to the CPU and creating a hardware Layer 3 forwarding entry) and ...

Contact Us

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