Huawei S7703 Aggregation Switch



Overview

Huawei S7700, S8700, S9700, S12700 and S16700 Switches Support S7700&S8700&S9700&S12700&S16700 Series S7703: Access product manuals, HedEx documents, produ.

Key Takeaways

The Huawei S7703 is a high-end intelligent routing switch designed for aggregation and core layers in enterprise and data center networks, offering multi-layer switching, high scalability, and redundant power options.

Overview

The Huawei S7703 is part of the S7700 series, designed for next-generation enterprise networks and data centers. It functions as an aggregation or core node, supporting integrated wireless, voice, video, and data services. The switch leverages intelligent multi-layer switching technology to provide advanced features such as MPLS VPN, traffic analysis, HQoS policies, controllable multicast, load balancing, and comprehensive security mechanisms, ensuring high performance and reliability across L2–L4 layers.

Hardware Specifications

Chassis Dimensions: 4 U high; 175 mm (H) x 442 mm (W) x 517.4 mm (D) without cable management frames, and 175 mm x 442 mm x 585 mm with frames. Service Cards: Supports installation of up to three service cards, depending on software version.

MP

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Us: Two main processing units (MPUs) operate in active/standby mode for redundancy. Power Modules: Supports AC, DC, and PoE power modules with 1+1 backup.

A

C modules can provide up to 3000 W, DC modules up to 2200 W, and PoE modules up to 3000 W depending on software version. Cable Management: Equipped with cable management frames for organized routing of network cables.

ES

D Protection: Front ESD jack allows grounding of wrist straps for electrostatic discharge protection.

Performance and Features

Intelligent Service Optimization: Broadcast control, resource load balancing, and integrated security. Scalability: Supports expansion of switching capacity and port density through the CLOS architecture. Energy Efficiency: Features innovative energy-saving chips and optimized airflow design for sustainable operation.

Reliability: Redundant design of key components minimizes downtime and service disruption risks.

Traffic Analysis and Qo

S: Real-time monitoring, HQoS policies, and enhanced voice/video experience. IPv6 Support: High-performance IPv6 service processing ensures smooth transition from IPv4.

Deployment Scenarios

The S7703 is ideal for: Campus Networks: Aggregation layer switch connecting access switches to the core. Data Centers: Core or aggregation node providing high-speed, reliable L2–L4 switching. Converged Networks: Integrates routing and switching for voice, video, and data services in a single platform.

Summary

The Huawei S7703 combines high-performance multi-layer switching, intelligent service optimization, and robust redundancy to serve as a reliable aggregation layer switch in enterprise and data center networks. Its modular design, flexible power options, and energy-efficient architecture make it suitable for scalable, high-availability deployments while supporting advanced network services and security.

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Article Content

Huawei S7700, S8700, S9700, S12700 and S16700 Switches Support

S7700&S8700&S9700&S12700&S16700 Series S7703: Access product manuals, HedEx documents, product images and visio stencils.

Huawei S7700 Series Smart Routing Switches Datasheet

integrated into S7703''s MCU. for one chassis. S7700 series switches come with a variety of cards, including SRUs/MCUs, related subcards, LPUs, and CMUs. 32K MAC.

S7700 Series Smart Routing Switches | PDF

It is available in three models - S7703, S7706 and S7712 - with expandable switching capacity and ports. Key components have redundancy to minimize

Huawei X7 Series Switches S7700 Datasheet (Detailed Version)

Huawei X7 Series Switches S7700 Datasheet (Detailed Version) The S7700 series switches (S7700 for short) are high-end smart routi.

Huawei S7700 Series S7703 Modular Chassis

The S7703 is a high-performance, scalable switch chassis designed for enterprise core and aggregation layers. It features advanced service optimization, unified

S7700 Series Smart Routing Switches

The S7700 can be used as an aggregation switch on a large-scale campus network, helping to build a highly reliable, scalable, and manageable enterprise network.

S7703 Switch S7703 price and specs S7700 Routing

Multi-service routing and switching platform, which meets enterprise access, aggregation, and core service bearer requirements, supports wireless, voice,

S7703 (02113304) Datasheet

signed for next-gene enterprise networks. The S7700 design is based on Huawei''s intelligent multi-layer switching technology to provide intelligent service optimization methods, such as MPLS yer 2 to

Huawei S7703 Switch Huawei S7703 price and specs ycict

Huawei S7703 Switch is a new generation of high-end intelligent routing switches introduced by Huawei for the next-generation enterprise network architecture is widely used in campus networks and data

S7700 Series Switches

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Huawei S7700 series switches are smart routing switches with unified user management for campus networks. They support SDN and intelligent O&M. Learn more.

Huawei S7703 Switch ES0B00770300 | Hongtelecom

The S7700 can function either as an aggregation or core node on a campus network or in a data center to provide integrated wireless access. The S7700 also offers voice, video, and data services, helping

S7700 Series Smart Routing Switches

The document is a datasheet for the S7700 series of smart routing switches from Huawei. The S7700 series offers intelligent services like MPLS VPN, traffic analysis, QoS policies, load balancing and

S7703 PoE

The S7703 PoE chassis supports two redundancy modes of power modules: N+1, and N+0. You can run the set power backup-mode command to configure the backup mode of power modules. By default,

Installing S7703, S7703 PoE and S9703 Chassis

Installing S7703, S7703 PoE and S9703 Chassis Context Do not block the air intake vents (left) or air exhaust vent (rear) of the switch. Do not face heat sources of other devices towards the air intake

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Huawei S7703 Switch Best Price

Introduction Huawei S7703 Switch is one of the S7700 series smart switches, and the S7700 series switches are smart routing switches designed for next-generation enterprise networks. The S7700

Huawei S7700 Series Smart Routing Switches Datasheet

Huawei S7700 Series Smart Routing Switches Datasheet - Free download as PDF File (.pdf), Text File (.txt) or read online for free.

Huawei ES0Z1B03ACS0 S7703 Switch Basic Engine 2xMCUA

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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