Huawei S7703 Core Switch Ports



Overview

port density of all three models are expandable. The S7700 is based on a new hardware platform, which adopts a left-to-rear. ventilation channel to achieve better energy efficiency.

Key Takeaways

The Huawei S7703 core switch supports high-density, high-speed ports including 100GE, with expandable port configurations and optional PoE capabilities.

Port Overview

The S7703 is part of Huawei's S7700 series of high-end smart routing switches and is designed for core and aggregation layers in enterprise and data center networks. It supports a variety of port types and configurations depending on the installed line cards: 100 Gigabit Ethernet (100GE) ports for high-speed backbone connectivity. 10 Gigabit Ethernet (10GE) and 40 Gigabit Ethernet (40GE) ports are also supported through modular line cards, allowing flexible deployment.

Po

E support is available on specific S7703-PoE models, enabling power delivery to connected devices such as access points and IP phones.

Port Density and Expandability

The S7703 chassis is modular, allowing port density expansion by installing additional line cards. It supports redundant key components, including power supplies and fan modules, ensuring high availability and minimizing service interruptions. The switch can integrate with Huawei's SVF 2.

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0 (Super Virtual Fabric) technology, which allows multiple S7700 series switches to operate as a single logical device, simplifying management and scaling port capacity.

Additional Features

Layer 2 to Layer 4 switching with intelligent service optimization, including MPLS VPN, traffic analysis, H-QoS, multicast control, and load balancing. Energy-efficient design with left-to-rear ventilation and innovative energy-saving chips for sustainable operation. Management and control through modular control units (MCUs) and service routing units (SRUs), which handle interface control, power, and fan management.

In summary, the Huawei S7703 core switch offers flexible, high-speed port configurations with 100GE as standard, optional PoE, and modular expandability, making it suitable for high-performance enterprise and data center networks while ensuring reliability and energy efficiency.

Article Content

Huawei S7700 Series Smart Routing Switches Datasheet

port density of all three models are expandable. The S7700 is based on a new hardware platform, which adopts a left-to-rear. ventilation channel to achieve better energy efficiency. Key components work in

S7700 Series Switches

They provide 100 GE ports, support SVF 2.0, and have superb scalability and reliability. Uses a fully programmable architecture, enabling new services to be

Huawei X7 Series Switches S7700 Datasheet (Detailed Version)

The S7700 provides high-density 10GE ports and 100G ports, Each S7712 chassis can provide a maximum of 480 x 10GE ports or 24 x 100GE ports, meeting the requirements of bandwidth

S7700 Series Smart Routing Switches Datasheet

The S7700 series is available in three models: S7703, S7706, and S7712. The switching capacity and port density of all four models is expandable. The S7700 is developed based on a new hardware

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

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S7700 Series Smart Routing Switches

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

ES0B00770300 Datasheet Overview

Huawei S7703 Assembly Chassis. The S7700 series switches (S7700 for short) are high-end smart routing switches designed for next.

S7700 Series Smart Routing Switches

The S7700 provides high-density 10GE ports and 100G ports, Each S7712 chassis can provide a maximum of 480 x 10GE ports or 24 x 100GE ports, meeting the requirements of bandwidth

S7700 Series Smart Routing Switches

The S7700 provides a switching capacity of 2 Tbit/s and high-density 10GE ports. The S7700 can be used as an aggregation switch on a large-scale campus network, helping to build a highly reliable,

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,

S7700 Series Switches Product Description

The S7700 switches can function as aggregation or core switches in a campus network to provide wireless access, voice, video, and data services, helping enterprises build an integrated end-to-end

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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

Huawei S7700 Series Smart Routing Switches Brochure

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Brochure S7700 Series Smart Routing Switches Brochure The S7700 series switches are smart routing switches designed for next-generation enterprise networks. The S7700 series switches can offer

S7700 Series Switches

S7700 Series Smart Routing Switches The S7700 series provide service optimization features like wired and wireless convergence, unified user management, quality awareness (iPCA), H-QoS, and united

S7700 Series Smart Routing Switches

Product Overview The S7700 series switches (S7700 for short) are high-end smart routing switches designed for next-generation enterprise networks. The S7700 design is based on Huawei''s intelligent

S7703 Switch S7703 price and specs S7700 Routing

S7703 Switch is a new generation of high-end intelligent routing switches introduced by Huawei for the next-generation enterprise network architecture is widely

S7700 Main Control Units and Subcards

Product Overview Huawei S7700 series switches come with multiple main control units, as listed in the following table.

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

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