

Article Overview

The Huawei S7706 supports up to six Line Processing Unit (LPU) slots for port modules, allowing flexible deployment of high-density Ethernet and service cards.

Slot and Module Overview

The S7706 chassis is a 10U high smart routing switch designed for enterprise core and aggregation networks. It provides 6 LPU slots, 2 SRU slots, 2 Centralized Monitoring Unit (CMU) slots, and 4 system power supply slots, with additional PoE power supply slots for models supporting PoE . The LPU slots are the primary locations for installing port modules, which determine the switch's interface types, port density, and throughput.

Supported Port Modules

Huawei S7706 port modules include a variety of Ethernet and service cards, depending on the software version and network requirements . These modules can provide:

- o High-density 10/100/1000 Mbps Ethernet ports
- o 10 Gigabit Ethernet (10GE) ports
- o 40 Gigabit Ethernet (40GE) uplinks
- o Service modules for MPLS, VPN, and advanced Layer 2-4 features The chassis supports redundant and hot-swappable modules, allowing network upgrades or replacements without downtime . PoE-capable modules can be installed in PoE-enabled chassis variants to provide power to connected devices.

Key Features

- o Scalability: The S7706 can expand port density by installing multiple LPUs, supporting high-performance Layer 2 to Layer 4 switching .
- o Redundancy: Critical components, including LPUs and power modules, operate in redundancy mode to minimize service interruption risks .
- o Energy Efficiency: The chassis uses a left-to-rear ventilation design and energy-saving chips to optimize power consumption .
- o Advanced Services: Supports VXLAN, MPLS VPN, traffic analysis, H-QoS policies, and controllable multicast for enterprise and data center networks .

Installation Notes

- o Each LPU slot can host a single port module; the total number of ports depends on the module type.

Huawei 7706 Core Switch Port Module

- o Modules are hot-swappable, allowing maintenance without powering down the chassis.
- o PoE modules require PoE power supply slots; non-PoE chassis do not support PoE functions .

Summary

The Huawei S7706 Core Switch offers flexible port module deployment through its 6 LPU slots, supporting a wide range of Ethernet and service cards. This modular design enables high scalability, redundancy, and advanced network services, making it suitable for enterprise core and data center aggregation networks .

S7700 Datasheet (Detailed Version) The S7700 series switches (S7700 for short) are high-end smart routing switches designed for

Huawei CloudEngine S7706-X (S7706-X): modular 7-slot campus core switch with up to 12.8 Tbit/s capacity, 100GE uplinks,

Beschreibung Huawei S7706 Switch is high-end intelligent routing switches introduced from Huawei for the next-generation

If the switch is running V200R006C00 or a later version, its PoE slots support both AC power modules and 2200 W DC power

Install them after the chassis is installed. Keep the tweezers delivered with the switch for future use. The methods for installing the

Cisco Nexus 7700 2-Slot Switch The Cisco Nexus 7700 2-Slot Switch, with one I/O module slots, supports up to 48 x 1 and 10

Huawei S7706 switch and S7700 series datasheet, 10k+ original new inventory, 3-5days global delivery, 1 year warranty, 8-year gold

The S7706 chassis offers a flexible and scalable solution, with support for high

S7700&S8700&S9700&S12700&S16700 Series S7706: Access product manuals, HedEx documents, product images and visio stencils.

Huawei S12700 Series Agile Switches CSS2 White Paper.docx Huawei GLBP Replacement Technology

Cisco C1-N7706-B26S2E Datasheet Product Overview The Cisco Nexus 7000 Series offers a core network switching solution for

Huawei 7706 Core Switch Port Module

S7700 V200R024C00 Command Reference This document describes all the configuration commands of the device,

Overview ES0B00770600 is the Huawei S7706 Assembly Chassis. The S7700 series switches (S7700 for short) are high-end smart

They can provide PoE power after a power module is installed in a power slot and a PoE-supported card is installed. S7703, S7706

Super Virtual Fabric (SVF) technology can virtualize fixed switches into line cards of an S7700 switch and virtualize APs into switch

The Huawei S7706 AC Bundle is a modular, high-performance Layer 2/3 core switch system, designed to meet the needs of medium

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