

Huawei Access Layer PoE Switch



Overview

The Huawei S5700-24TP-PWR-SI is an enterprise-class Gigabit PoE+ switch designed for converged access networks. It provides 20 GE PoE ports and 4 GE combo ports to power IP phones, cameras, and wireless APs while simplifying cabling across Asian, European, African, and North. Huawei's comprehensive portfolio of products and solutions enables you to realize smooth digital transformation and rapid growth of virtualization, Big Data, and cloud services. Huawei switches already help customers achieve success in industries such as finance, Internet, retail, education. High-power PoE, multigigabit speed, and AI-driven operations for smart campuses, IoT corridors, and Wi-Fi 6/6E/7 edge networks. Huawei's CloudEngine campus family pushes Power over Ethernet to the limit: from 15 W PoE and 30 W PoE+ all the way to 60 W PoE++ (IEEE 802.3bt). Powered by Huawei's unified Versatile Routing Platform (VRP), the switches offer a range of capabilities, including. This guide explains how Huawei PoE switches enhance performance, improve energy efficiency, and integrate seamlessly with PoE access points and PoE Wi-Fi APs, helping enterprises achieve higher network ROI. The modern workplace is no longer confined to wired desktops.



Article Content

CloudEngine S5736-S Series Switches | Huawei

Combined with simplified Operations and Maintenance (O&M) and robust Power over Ethernet (PoE) capabilities, the series is designed to work with Wireless

Huawei PoE Switches – Powering PoE APs with Energy

This guide explains how Huawei PoE switches enhance performance, improve energy efficiency, and integrate seamlessly with PoE access points and

Huawei S5731-S24P4X 24-Port Gigabit PoE Access Aggregation

The Huawei S5731-S24P4X is an enterprise-class Layer 3 Gigabit Ethernet switch engineered for access and aggregation layer deployment in medium to large-scale networks.

S5700-LI Switch Datasheet (Detailed Version)

The S5700-LI-BAT can ensure uninterrupted services in environments facing frequent mains power failures at the access layer. Access switches are usually distributed; therefore, it is costly and space

Huawei S220-48P4X (98012378),48 port gigabit PoE

The Huawei S220-48P4X is a layer 3 access switch with PoE+ functionality, offering 48 x 10/100/1000BASE-T ports for high-speed data connections and 4 x SFP+ 10GE ports for uplink

Huawei S310-48P4S (98012384),48 port gigabit PoE

The Huawei S310-48P4S is a Gigabit Ethernet switch designed for campus networks, specifically for access and aggregation purposes. It features 48 x

Huawei S220-48P4X Smart Managed Switch 48 Port

It features 48 Gigabit Ethernet ports with Power over Ethernet (PoE) capabilities and 4 10GE SFP+ uplink ports, making it suitable for applications such as IP

Huawei S5700-24TP-PWR-SI Switch 20xGE PoE 4xGE

The Huawei S5700-24TP-PWR-SI is an enterprise-class Gigabit PoE+ switch designed for converged access networks. It provides 20 GE PoE ports and 4 GE

What Is an All-Optical Ethernet Switch?

All-optical Ethernet switches are a type of switch that provides optical uplink and downlink ports, making them an ideal choice for building an all-optical campus network. They can function as

S1700, S2700, S3700, S5700, and S6700 Box Switches Products ...

S27x0For access layer or aggregation layer, provide all 1000M ports. S57x0For reliable access and high-quality transmission of multiple services on the enterprise network and the data

Example for Configuring a Layer 3 Switch to Work with a Router for ...

Example for Configuring a Layer 3 Switch to Work with a Router for Internet Access
Layer 3 Switch Layer 3 switches provide the routing function, which indicates a network-layer function in the OSI

Huawei S310-48P4X

Huawei S310-48P4X is a managed and stackable L3 PoE switch, which is equipped with 48 Gbit Ethernet ports with 802.3af/at support and 4 SFP+ slots. It supports L3 routing protocols and offers a

Huawei S2352P-EI Replacement Guide for Enterprises

Learn about the end-of-life Huawei S2352P-EI switch, its specs and limitations, and how to migrate to modern CloudEngine S5735 alternatives with Gigabit, 10G uplinks, and active support.

Enterprise High-Availability: VRRP, MLAG & ECMP Explained

The Access Layer (LACP): Deploy cost-effective, high-density NSComm PoE+ switches. Connect each NSComm switch to both upstream MLAG switches using standard LACP.

What Is Hybrid Cable?

What Is a Hybrid Cable? A hybrid cable incorporates optical fibers and copper wires within the same jacket, and can supply power to devices while transmitting data. On campus networks,

Guide to Cabling, PoE, Wi-Fi 7, DSP & Deployment 2026

2.5G & 5G Multi-Gig Ethernet: Cabling, PHY, PoE, Wi-Fi 7, Network Architecture Guide 2026 By Network Switches Nov 24 0 comments

Huawei CloudEngine S5732-H Series Hybrid Optical-Electrical Switches ...

Huawei CloudEngine S5732-H Series Hybrid Optical-Electrical Switches Datasheet
CloudEngine S5732-H series hybrid optical-electrical switches are brand-new 10GE access switch that provides 24-port

Huawei Gigabit Switch Buying Guide 2024-2026

Pricing for standard 24-port gigabit switches typically ranges from \$270 for entry-level access to \$700+ for high-performance PoE models, while data center core switches can exceed \$3,600. The full

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

