

Huawei Industrial Switch Models



AI Overview

Huawei offers a range of industrial switches, including the CloudEngine S5731I-L and S5735I-S-V2 series, designed for rugged, high-performance industrial networking applications. Overview of Huawei Industrial Switches Huawei industrial switches are engineered for smart manufacturing, transportation, electric power, and safe city applications, providing high reliability, low latency, and support for AI and 5G-enabled networks. These switches are designed to operate in harsh environments with features like wide temperature ranges, surge protection, and industrial-grade certifications.

Key Models

- CloudEngine S5731I-L Series**
Type: Layer 2 industrial switch
Ports: All-GE downlink ports, 1/10GE optical uplink ports
Management: Local web-based management, plug-and-play
Environmental Resilience: Operating temperature -40°C to 75°C, IP40 protection, isolated power protection, wide voltage input 9.6V–60V
Reliability Features: Supports STP/RSTP, link aggregation, automatic high-priority forwarding for industrial protocols like PROFINET and GOOSE
Applications: Smart manufacturing, smart mining, smart transportation, electric power, and rail transportation
- CloudEngine S5735I-S-V2 Series**
Type: Layer 3 gigabit industrial switch
Ports: 8 x GE downlink ports, 4 x GE/10GE uplink ports
Management & Security: Supports Trusted Platform Module (TPM), hardware root of trust, MAC address authentication, 802.1X authentication, VLAN, QoS, and ACL policy delivery
Environmental Resilience: Industrial-grade operating temperature, outdoor surge protection
Layer 3 Features: OSPF, IS-IS, BGP, VRRP, multicast protocols (PIM SM, DM, SSM, IGMP snooping)
Applications: Safe city networks, Ethernet-to-the-x (ETTx), high-definition video backhaul, and enterprise access/aggregation services

Features Across Huawei Industrial Switches

High Reliability: Designed for 99.999% uptime with hot-swappable modules for zero downtime

AI & 5G Integration: Supports intelligent network management and high-bandwidth 100G/400G demand

Industrial...

Article Content

Network Switches

Huawei Ethernet Switches Turbocharge your enterprise network with high-performance, high-availability for resilient services and simplified management.

Switch Overview

Huawei S series fixed switches ensure high-quality transmission of services and provide reliable access and aggregation on campus networks. They have an integrated hardware structure and consist of a

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

S6700 Series Switches The S6700 series switches have two models: S6700-24-EI S6700-48-EI redundancy fans & Power module S6720 Series Switches S6720-EI Series Switches

AR500& AR530& AR550 as the Industrial Switch

AR500& AR530& AR550 as the Industrial Switch An AR500& AR530& AR550 can function as a switch in industry fields to implement fast switching on a data channel, which improves reliability. In Figure1,

Huawei Switches: Comprehensive Guide And Insights

Operating Temperature Range: Industrial-grade models can operate in extreme conditions from -40°C to 75°C. Stacking Support: Capability to stack multiple

Huawei S5330-HI Series Switches Product Brochure

Huawei S5330-HI Series Switches Product Huawei S5330-HI gigabit ethernet switches are Huawei-developed next-generation agile switches that provide fixed full gigabit access and 10GE uplink

CloudEngine S5735I-S-V2 Series Switches | Huawei

Huawei CloudEngine S5735I-S-V2 series industrial switches (DIN rail-mounted) are next-generation industrial switches that provide flexible all-gigabit access and

CloudEngine S5731I-L Series Industrial Switches (DIN

CloudEngine S5731I-L series industrial switches (DIN rail-mounted) are Huawei's next-generation industrial switches. They support flexible all-gigabit access and

Campus Switches

Campus Switches Huawei S Series Switches fully accommodate metro core, aggregation, edge aggregation, and access networking requirements, and are

Ethernet Switches

Ethernet Switches After more than 20 years of unremitting efforts and stable development, Huawei provides extensive experience in Ethernet switches. With

Huawei CloudEngine S5335-S-V2 Series Switches Brochure

Huawei CloudEngine S5335-S-V2 Series Switches Brochure Huawei CloudEngine S5335-S-V2 series are standard gigabit Ethernet switches that provide all GE downlink ports, 10GE uplink ports, and

Choosing the Best Huawei Switch: Efficient and

This article explores Huawei's enterprise switch portfolio, outlines key performance advantages, and helps organizations select the best model based on their

Huawei CloudEngine S5735I-S-V2 Series Industry Switches Datasheet

Huawei CloudEngine S5735I-S-V2 series industry switches (S5735I-S-V2 for short) are next-generation standard Layer 3 gigabit switches that provide flexible all-gigabit access and GE/10GE uplink ports.

Huawei Ethernet Switch & Network Switches Solutions

Thunder link offers various models of Huawei Ethernet switches and network switches, including the S5720, S6720, S6730, CE6800 and CE12800, designed

Leading Solar Solutions for a Greener Future | HUAWEI

HUAWEI FusionSolar advocates green power generation and reduces carbon emissions. It provides smart PV solutions for residential, commercial, industrial,

Huawei CloudEngine S5731I-L Series Industry Switches Brochure

CloudEngine S8700/6700/5700 series switches and S5735I-S/H switches are used as central switches in industrial parks, and S5731I-L switches are used as port extensions of central switches.

Huawei Industrial Switch 2026: AI & 5G-Enabled Networks

Explore Huawei industrial switch trends for 2026—AI-powered, 5G-ready, and built for smart factories. Discover top models, market growth, and why the CloudEngine S5735I leads in

Huawei Ethernet Switches

Huawei S5700 series provides various sub series for campus and datacenter network needs. The S5700-LI Series supports downlink CSFP ports, providing 2 Gbit/s bi-directional bandwidths.

Navigating Huawei Switches Models? Which Model Truly Fits Your

For network architects scaling offices, factories, or campuses, choosing between S5720, S6700, and CE8800 series isn't academic—it dictates daily performance. Each model targets ...

Data Center Switches

Data Center Switches CloudEngine Data Center Switches — Ethernet switches widely used in diverse applications and in different network sizes, in both data centers and high-end campus networks —

Huawei Switches: Comprehensive Guide And Insights

Designed for rugged environments, Huawei industrial switches deliver robust performance under extreme conditions. They are suitable for manufacturing

Huawei Switch Datasheet & Price Solution

Check full range of Huawei switch datasheets, product brochures, price and solutions at Huawei authorized partner | Telecomate

Contact Us

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