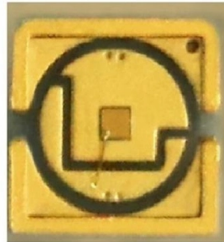


Huawei Industrial-Grade Switch Agent



AI Overview

Huawei industrial-grade switches are high-reliability, compact, and ruggedized networking devices designed for harsh industrial environments, supporting flexible deployment, high-speed connectivity, and advanced management features. Overview Huawei offers a range of industrial-grade switches tailored for demanding environments such as smart manufacturing, transportation, energy, and smart city infrastructure. These switches combine industrial durability, high performance, and flexible deployment options, making them suitable for both enterprise and industrial networks. Key Models and Features

1. CloudEngine S1731I-L
Series Type: Unmanaged Layer 2 industrial switch
Ports: Flexible full-Gigabit access and uplink ports
Design: Compact, industrial-grade, suitable for AGVs, forklifts, and production lines
Deployment: Plug-and-play, simplified networking
Applications: AGV systems, energy storage, robotic arms, production lines
2. CloudEngine S5731I-L
Series Type: Next-generation Layer 2 industrial switch with local management
Ports: All-GE downlink and 1/10GE optical uplink ports
Management: Web-based local management, supports STP/RSTP for network reliability
Protection: IP40, isolated power, reverse connection, overtemperature, and overvoltage protection
Environmental Range: -40°C to +75°C, suitable for outdoor cabinets
Protocols: Supports industrial protocols like PROFINET and GOOSE
Applications: Smart manufacturing, mining, transportation, electric power, safe city
3. S5735-L8P4X-IA1
Type: Industrial-grade Layer 3 Ethernet switch
Features: High reliability, fanless operation, compact design, high port density
Environmental Resilience: Extended temperature range, dust, vibration, and electromagnetic interference protection
Applications: Transportation, energy, manufacturing, smart city infrastructure
Advantages: Combines switching and advanced routing, optimized for edge deployments where space and reliability are critical

Industrial-Grade Adv...

Article Content

Huawei CloudEngine S5735I-S-V2 Series Industry Switches (DIN-rail)

Industry switches have an industrial-grade operating temperature range as well as professional outdoor surge protection to withstand harsh outdoor environments.

CloudEngine S5735I-H-V2 Series Industrial Switches

Huawei CloudEngine S5735I-H-V2 series industrial switches (DIN rail-mounted) are next-generation industrial switches that provide flexible all-gigabit access and GE/10GE uplinks. They stand out with

Huawei Ethernet Switches

Router-switch offers huawei CloudEngine, Campus and smb ethernet switches, provide high-availability, high-performance networking for large-scale data centers, ISPs, and enterprise IT networks.

CloudEngine Series Data Center Switches

CloudEngine 12800 Series Data Center Switches CloudEngine 12800 Series Data Center Switches CE12800 series provide reliable, secure, high-performance L2/L3 switching capabilities for an elastic,

NetEngine AR630 Series Industrial Routers

Huawei NetEngine AR630 series industrial routers are fixed-form-factor gateways designed for network communication in challenging industrial environments with extreme temperature, humidity, and

Huawei CloudEngine S5731I-L Series Industry Switches Brochure

Compared with traditional switches without a management system, the S5731I-L supports local web-based management and has a simplified architecture, implementing plug-and-play and simplified and

Huawei Enterprise Switches Guide 2025: Selection, Deployment, and

Comprehensive 2025 guide for Huawei enterprise switches, including selection, deployment best practices, and key models such as HW:S5735-L24P4S-A-N, HW:OMXD30000-N. Ideal for network

Huawei Industrial Grade Switches Installed? Surge Protection Saving

These switches deliver brutal reliability through industrial grade components hardened against chaos. When equipment costs dwarf networking investments 100-to-1, true surge protection becomes the

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,

How should I choose an industrial grade Ethernet switch?

In modern industrial automation, Industrial Ethernet Switches (IES) have become a key component. Correctly selecting the right industrial grade switch is crucial to ensure the stability and

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 —

S5735-L8p4x-ia1: A Comprehensive Guide To Huawei's Industrial

The S5735-L8P4X-IA1 is a robust, industrial-grade Ethernet switch developed by Huawei, designed to meet the demanding requirements of modern enterprise and industrial networks.

Huawei Enterprise Routers

Router-switch offers huawei routers for enterprise IT infrastructure and global networks. Also help you find the right Huawei routing solution for your business.

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

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

Snapshot: A specialized industrial-grade Ethernet switch series designed for harsh environments (e.g., factories, outdoor cabinets) and integrated with Huawei's AI-powered

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

Carrier Network Switch & Enterprise Gateway

Carrier Network Switch & Enterprise Gateway Huawei provides the industry's most complete portfolio of Ethernet switches, AR Series Routers, WLANs, and network security products for the carrier B2B

Smart network switch

Description Huawei CloudEngine S5735I-H-V2 series industrial switches (DIN rail-mounted) are next-generation industrial switches that provide flexible all-gigabit access and GE/10GE uplinks. They

Huawei Ethernet Industrial Switch S3700: Silent Guardian? Can

The Huawei Ethernet Industrial Switch S3700 isn't here to dazzle you with buzzwords—it's built to survive. In factories where dust coats every surface, oil rigs battered by saltwater, or railways

Huawei Industrial Switch: Rugged Backbone? Can Tough Hardware

Now imagine a standard office-grade switch trying to survive here—it'd fry, freeze, or shake apart in days. Enter the Huawei industrial switch, built to laugh in the face ...

Ethernet Switches

After more than 20 years of unremitting efforts and stable development, Huawei provides extensive experience in Ethernet switches. With multiple industry-leading intellectual properties and patents,

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.

How Mission-Critical Are Huawei Industrial Grade Switches? Do They ...

Huawei industrial grade switches aren't components—they're continuity insurance for profit-critical operations. While competitors bolt plastic guts into metal boxes, Huawei bakes resilience into every

(Video) CloudEngine S5735I-S-V2 Series Industrial Switches Product ...

Huawei CloudEngine S5735I-S-V2 series extended-temperature switches (S5735I-S-V2 for short) are next-generation standard Layer 3 gigabit switches that provide flexible all-gigabit access and 10GE

Contact Us

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