

Huawei Gigabit Switch Industrial Grade



AI Overview

Huawei's industrial-grade gigabit switches, such as the CloudEngine S5735I and S5731I-L series, offer ruggedized, high-performance networking solutions with all-gigabit access, GE/10GE uplinks, and extended operating temperature ranges for harsh industrial environments.

Key Features

Rugged Industrial Design: Huawei industrial switches are designed to operate in extreme conditions, with an industrial-grade temperature range of -40°C to $+75^{\circ}\text{C}$ and IP40 protection for dust and water resistance, making them suitable for outdoor cabinets and harsh environments.

Flexible Connectivity: These switches provide all-gigabit access with multiple uplink options, including GE and 10GE ports, supporting high-speed data transmission for industrial applications. Rack-mounted and DIN rail-mounted models are available to fit different deployment scenarios.

Advanced Networking Capabilities: Huawei switches support IEEE 1588v2 high-precision time synchronization and time-sensitive networking (TSN), ensuring deterministic latency and reliable communication for industrial automation and smart factory operations.

Surge Protection and Reliability: Professional outdoor surge protection and industrial-grade reliability ensure continuous operation in critical applications, including smart manufacturing, smart mining, smart transportation, safe city infrastructure, and electric power systems.

AI and 5G Integration: The CloudEngine S5735I series incorporates AI-powered network management and is 5G-ready, enabling autonomous fault detection, predictive maintenance, and seamless integration with modern industrial IoT networks.

Typical Applications

Smart Manufacturing: High-speed, low-latency connectivity for automated production lines and industrial robots.

Smart Mining and Transportation: Reliable networking in remote or harsh outdoor environments.

Safe City and Electric Power: Critical infrastructure monitoring, control, and emergency response systems.

Industrial Automation: Supports IT/OT convergence for real-time data colle...

Article Content

(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

Huawei Industrial Switch: Rugged Backbone? Can Tough Hardware

Picture this: a factory floor where welding sparks fly, temperatures swing from freezing to scorching, and conveyor belts vibrate nonstop. Now imagine a standard office-grade switch trying to survive

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 —

On Sale Huawei Switch Gigabit Industrial Grade Design | Alibaba

Industrial-grade switches (e.g., Huawei AR series with switching modules) support wider temperature ranges and rugged environments. Verify humidity tolerance and dust resistance,

Ethernet Switches

Moxa provides a wide range of industrial Ethernet switches that feature industrial-grade reliability, network redundancy, strengthened security, easy management, and competitive price-to

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

Network Switches | Huawei Enterprise

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

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.

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

Ethernet Switches

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

Huawei Industrial Network Switch S5735-S24P4X

Huawei CloudEngine S5735-S is a series of standard gigabit access switches that provide 24–48 flexible all-GE downlink ports and four fixed 10 GE uplink ports. S5735-S switches are designed for

Wie robust ist der industrielle Ethernet-Switch von Huawei? Hält er ...

Genau hier kommt es an. Huawei Industrial Managed Gigabit Ethernet Switches dominiert – nicht für klimatisierte Serverräume, sondern für Infernos in Stahlwerken, vibrierenden ...

Tp-link optical module is the real king! 20km gigabit single ...

For network administrators stuck with fiber distance limitations, geeks toiling until 3 am with self-built nas setups, and it pros constantly wrestling with loose ports due to repeatedly plugging

Best 48-Port Gigabit Switches with 90W PoE & Fanless Design

Compare high-performance 48-port gigabit switches supporting 90W PoE (802.3bt), Wi-Fi 7 readiness, and fanless rackmount designs. Includes verified suppliers and Cisco vs. Huawei benchmarks.

Campus Switches | Huawei Enterprise

Huawei campus switches offer high-performance, secure, and reliable switching for enterprises, governments, finance and manufacturing networks. Learn more.

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 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 Industrial Switch S3700: Silent Guardian? Can

Most commercial switches crumble under industrial stress. The Huawei S3700 is engineered from the ground up for abuse. Its components are soldered to withstand constant vibration—no ...

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.

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