

Huawei gigabit industrial-grade switch



Article 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

Article Content

Smart network switch

Huawei CloudEngine S5735I-H-V2 series industrial switches (DIN rail-mounted) are next-generation industrial switches that provide

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

Huawei Gigabit Switch Buying Guide 2024-2026

Compare Huawei gigabit switch models (S5735-L vs. S5731-S), pricing tiers (\$270-\$3,600+), PoE options, and sourcing strategies

CloudEngine Series Data Center Switches

CloudEngine 12800 Series Data Center Switches CloudEngine 12800 Series Data Center Switches CE12800 series provide reliable,

(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

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

Huawei S6320-SI Series Switches Product Brochure

Product Overview Huawei S6320-SI series switches are Huawei-developed next-generation multigigabit 10GE fixed switches. The

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

CloudEngine S5735I-S-V2 Series Industrial Switches (Rack-Mounted)

Huawei CloudEngine S5735I-S-V2 series industrial switches (rack-mounted) are next-generation industrial switches that provide

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

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

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,

CloudEngine S5731-S Series Switches | Huawei Enterprise

CloudEngine S5731-S series multi-GE switches are gigabit access switches that offer multi-GE downlink ports and 10GE/40GE

NetEngine AR630 Series Industrial Routers

NetEngine AR630 Series Industrial Routers Huawei NetEngine AR631I-LTE4EA is purpose-built for industrial gateway scenarios. By

Huawei Gigabit PoE smart industrial switch, 2x SFP, 2x SFP+,

Featuring Gigabit Ethernet connectivity, intelligent PoE support, 2 SFP ports, 2 SFP+ uplink ports, and redundant power input

Huawei Ethernet Switches

Router-switch offers huawei CloudEngine, Campus and smb ethernet switches, provide high-availability, high-performance

CloudEngine S5731I-L Series Industrial Switches (DIN Rail-Mounted)

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

On Sale Huawei Switch Gigabit Industrial Grade Design | Alibaba

A Huawei gigabit switch is a high-performance networking device designed to support data transfer speeds of up to 1 Gbps per port,

Ethernet Switches

Moxa provides a wide range of industrial Ethernet switches that feature industrial-grade reliability, network redundancy, strengthened

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

Ethernet Switches

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

S6320-SI Series Multi-Gigabit Switches

S6320-SI Series Multi-Gigabit Switches Huawei S6320-SI series switches are Huawei-developed next-generation multigigabit 10GE

Huawei Enterprise Official Website

Huawei Enterprise provides a broad range of innovative ICT infrastructure products and solutions for vertical industry and enterprise

CloudEngine Series Data Center Switches

Huawei CloudEngine (CE) series switches are high-performance cloud switches designed for next-generation data centers and high

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