

Industrial switches recommended 1000 RMB and above



AI Overview

For industrial applications around 1000 RMB, consider compact unmanaged or lite-managed Ethernet switches with DIN-rail mounting, IP40–IP67 protection, and 5–8 ports for reliable operation in harsh environments.

Key Recommendations

- TP-Link TL-SG105/116 (Unmanaged)**: 5–16 Gigabit ports, fanless metal chassis, Auto MDI/MDIX for plug-and-play setup, IP40 protection, wide temperature range (–40°C to 70°C). Suitable for small industrial networks or control panels.
- TRENDnet TI-E505**: 5-port 10/100 Mbps unmanaged switch, rugged metal casing, IP50 dust/light splash protection, DIN-rail mountable, LED status indicators, lifetime protection, and NDAA/TAA compliance.
- Phoenix Contact Unmanaged 1700 Series**: 5–8 M12 or RJ45 ports, 10/100/1000 Mbps, IP65/IP66/IP67 protection for field installation, operating temperature: –40°C to 70°C. Compact, robust, ideal for automation and factory floors.
- Maple Systems Lite-Managed Switches**: 5–8 ports, industrial-grade components, surge, ESD, and short-circuit protection, dual redundant power inputs, VLAN and QoS support, DIN-rail mountable, suitable for harsh industrial environments.

Selection Tips

- Port Count & Speed**: Choose 5–8 ports for small setups; 10/100/1000 Mbps is standard for industrial Ethernet.
- Environmental Protection**: Look for IP40–IP67 ratings to resist dust, moisture, and vibration.
- Mounting Options**: DIN-rail or wall-mount compatibility ensures flexible installation in control cabinets.
- Power & Redundancy**: Dual power inputs and removable terminal blocks improve reliability in critical applications.
- PoE Needs**: If powering devices like cameras or sensors, select PoE/PoE+ switches and verify total power budget.

These options balance cost, durability, and performance, making them suitable for industrial automation, factory networks, and harsh environmental conditions while staying near the 1000 RMB budget range.

Article Content

Best Ethernet Switches for Business (2025): Selection

Selecting the right Ethernet switch for your business network is critical to ensuring optimal performance, security, and scalability while avoiding costly

Industrial Ethernet Switches

Modernize your operations with Cisco Industrial Ethernet switches: Increase productivity, boost security, and empower industrial AI.

Industrial Ethernet Switches

Workhorses for a broad spectrum of industrial needs, these modular switches feature high-wattage PoE options, high-speed 10-GE uplinks, and advanced

Good industrial network switch recommendation? : r/PLC

Good industrial network switch recommendation? I'm trying to find something to replace some old and unstable din-mounted switches. But there are almost too much to choose from, what are your go-to

Industrial Switches

10-Port Industrial Gigabit L2 Managed DIN-Rail Switch TI-G102i (Version v1.6R) MORE INFO FIND RETAILERS Add to cart

isco Industrial Ethernet Switches Ordering Guide

Cisco IE Ethernet switch models include: Cisco IE 1000 Series Switches: Very compact fixed lightly managed switching platform that includes various models providing up to 10 Ethernet interfaces

Industrial switch - reliable industrial Ethernet communication

An industrial switch is a network device designed to operate in harsh industrial environments where standard office-grade Ethernet switches fail to ensure stable transmission.

Cisco IE 1000 Industrial Ethernet Switch Hardware

Caution: When the switch is installed in an industrial enclosure, the temperature within the enclosure is greater than normal room temperature

Cisco Industrial Ethernet 1000 Series Switches

Get reliable, secure connectivity out of the box. Securely connect and power your industrial devices with the compact, rugged IE1000 Series Switches that are

Cisco Industrial Ethernet 1000 Series

The Cisco IE 1000 Series Switches complement the current industrial Ethernet portfolio of related Cisco industrial switches, such as the Cisco IE 2000, IE 3000,

Industrial 5 Ports Gigabit Ethernet Switch Din Rail

The 5 Ports Ethernet Switch features a high-strength IP40 protective casing, industrial-grade EMC design, and supports a wide range of redundant power

Industrial Switches (ISW) | Extreme Networks

Extreme Industrial Switches are a family of ruggedized Layer 2 switches designed to operate under harsh environments and extended temperature conditions. They provide continuous uptime,

Unmanaged Industrial Ethernet Switches | Rugged DIN Rail Switch

Unmanaged Industrial Ethernet Switches Compact DIN Rail Switches Industrial-grade Unmanaged Switches are "plug & play" devices specifically designed to connect equipment in network

China Industrial Switches, Industrial Switches Wholesale,

Design engineers or buyers might want to check out various Industrial Switches factory & manufacturers, who offer lots of related choices such as enterprise network switch, managed network switch and

Cisco IE Switches Comparison: IE1000 vs. IE2000 vs. IE3000 vs.

Cisco Industrial Ethernet 4000 Switches The Cisco Industrial Ethernet (IE) 4000 Series delivers Gigabit connectivity to Cisco ruggedized switching portfolio with superior high-bandwidth

Industrial switches recommended 1000 RMB and above

For industrial switches, it is recommended to choose products with IP40 or higher protection levels to ensure their dustproof, waterproof, and other protective properties meet actual needs.

Cisco Industrial Ethernet 1000 Series Switches Data Sheet

The Cisco® Industrial Ethernet (IE) 1000 Series Switches are compact rugged switches aimed to operational technology (OT) users with

Cisco Industrial Ethernet 1000 Series Switches

Keep your industrial operations running smoothly with secure, compact, Power over Ethernet (PoE)-enabled, and easy-to-manage Industrial Ethernet 1000 Series

All Industrial Switch Products

Ruijie offers next-generation industrial Ethernet switches designed for harsh industrial environments, providing flexible full-gigabit access as well as 10GE uplink ports, and supporting a wide operating

How to choose industrial switches

When selecting, these factors should be considered comprehensively to choose the most cost-effective product. By taking into account the above factors, it can be ensured that the selected

Industrial Ethernet Switches | Industrial Network Switch

Rugged, yet easy to use, Perle has over 734 models of Ethernet switches that feature Industrial Protocol Management support, superior reliability, advanced

How to choose industrial switches

Blog January 6, 2025 How to choose industrial switches Industrial switch selection factors to ensure efficient and stable industrial networking In the application scenario of industrial IoT, it is crucial to

Industrial switch, Industrial electric switch

We offer a comprehensive range of analog switches that support both analog and digital I/O expansion applications—including speaker selection in cell phones or sensor selection in industrial process

A Comprehensive Guide to Selecting Industrial Switches

In conclusion, selecting an industrial switch is a task that requires comprehensive consideration of various factors. Users need to deeply understand the characteristics and needs of

FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Expand your network connectivity with simple plug-and

INDUSTRIAL APPLICATIONS: Designed for demanding environments, including industrial settings & centralized control stations where device reliability is

IES-Series 12 Port Industrial Ethernet Switch 8x RJ45

L-com's IES-Series Industrial Ethernet Switch line offers ease of deployment, cost savings and robust switching. These rugged Industrial Ethernet switches feature

Contact Us

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