

Recommended Industrial Routers and Switches



Article Overview

For industrial networks, choose rugged, secure, and high-performance switches and routers with PoE, redundancy, and protocol support to ensure reliable operation in harsh environments.

Industrial Routers

Industrial routers act as the "boundary guardians" of industrial networks, enabling secure cross-network communication, remote access, and traffic management. Recommended features include:

- VPN and SD-WAN support: Enables secure remote access and network segmentation, e.g., Cisco SD-WAN routers or USR-G806w with IPSec VPN for remote PLC access .
- Multi-network switching: Automatic failover between wired, 4G, or Wi-Fi networks to maintain business continuity .
- Rugged design: IP67-rated, resistant to dust, water, vibration, and temperature extremes .
- Cybersecurity: Built-in next-generation firewall (NGFW), threat intelligence, and secure remote management .
- Modularity and scalability: Allows adaptation to evolving industrial needs and integration with AI-driven network management . Example models: Cisco Industrial Routers (modular, IP67-rated, SD-WAN-enabled), USR-G806w (4G/Wi-Fi/wired integration with VPN),....

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Cisco Industrial Routers

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Cisco Industrial Router Portfolio At a Glance

The Cisco industrial router portfolio includes a range of compact, ruggedized modular products to build a highly secure,

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Industrial Ethernet Switches | Industrial Network Switch | Perle

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What's the best industrial router—for you?

The same goes for choosing the best industrial router. Cisco now offers more than 10 industrial routers to meet widely

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Networking with Industrial Routers and Industrial Switches

In small and medium-sized factories, it is recommended to adopt a combination of "industrial router + star topology switch." For

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Discover the Top 4 Industrial Router Companies for 2024

Unveil the leading industrial router brands for 2024 – reliability, security & scalability in focus. A must-read guide!

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Cisco Industrial Router Selector Tool

Get advanced security and scalability with this industrial cellular router. Benefit from next-generation firewall (NGFW) features,

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12 Best Industrial Network Routers (May 2026) Expert Reviews

Our team has spent months evaluating dozens of industrial routers, comparing their specs, real-world reliability, and

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Best Enterprise Switches 2025: Top 5 Network Switches

Most guides to the "best enterprise switches" offer a predictable, high-level list of vendors.

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Industrial IoT Networking

Build a secure industrial IoT network foundation with market-leading Cisco industrial switches, industrial routers, industrial wireless,

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Ethernet Switches

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

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Learn how to choose the right Cisco router or switch for ICS/OT networks. Explore ruggedized options, industry standards, and

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This guide explains exactly what an industrial router is, why standard routers fail in industrial environments, how to choose the right

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Selection guide for industrial routers: equal emphasis on performance ...

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Industrial Network Products

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Industrial Ethernet

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Industrial IoT Ecosystem: Comparison of Major IoT Module

It also explores the composition and roles of network elements in industrial communication, their typical application

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How to Combine Industrial Switches and Routers for Use

When combining industrial switches and routers, consider comprehensive security measures. For instance, configure firewall rules,

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Top 10 Leading Industrial Routers Companies Shaping the Market

The industrial routers market is poised for remarkable growth through 2030, driven by advances in edge computing, 5G integration,

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Top Seven Enterprise Router Vendors to Consider in 2022

Cisco Systems, one of the top networking companies in the world, offers routers, switches, and other network products.

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2026 Top 5 Industrial Routers for Global Infrastructure

Introduction As infrastructure projects expand across continents, selecting reliable industrial routers has become critical

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We tested these units for connectivity stability, VPN performance, failover reliability, and how well they hold up under

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How to Choose a Cisco Router or Switch for ICS/OT Networks and Meet Industry Standards In industrial control systems (ICS) and

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Business Choice 2025: Our Readers Select the Top Networking

We turned to you, home workers and IT managers alike, to find the brands you prefer and recommend the most.

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IIoT and Industrial Routers

Ruggedized and cost-effective, these mobile network routers link equipment in industrial environments for seamless data

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