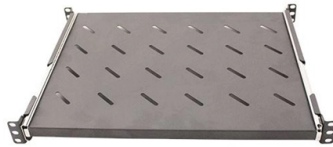


Ethernet Core Switch Company



AI Overview

Top Ethernet core switch suppliers include Cisco, Edgecore Networks, Moxa, and other leading industrial and enterprise vendors offering high-performance, scalable, and secure solutions. Leading Suppliers

1. Cisco Cisco is a globally recognized networking vendor offering a wide range of core and enterprise switches. Their products support high-speed Ethernet, advanced Layer 2/3 features, and extensive customization options, making them suitable for large organizations with dedicated IT teams.
2. Edgecore Networks Edgecore provides cost-effective, high-performance Ethernet switches for SMBs and enterprises. Their ECS5500 series supports 10G multi-gigabit access and uplink ports, making them ideal as core switches in high-density networks. Edgecore also offers solutions for ISPs and broadband access infrastructure.
3. Moxa Moxa specializes in industrial Ethernet switches designed for extreme conditions, including temperatures from -40 to 75°C. Their switches support PoE, IEC 62443-based security, and scalable connectivity from edge to core networks, suitable for industrial automation, transportation, and mission-critical applications.
4. Other Industrial Vendors Industrial-focused suppliers like EKI, Winmate, and FieldConnex provide Ethernet switches for harsh environments, including railway, marine, and process automation applications. These switches often feature ruggedized connectors, wide operating temperature ranges, and high reliability for critical infrastructure.

Key Considerations for Choosing a Core Switch

- Port Density and Speed:** Look for switches offering 10/40/100Gbps ports to handle high traffic volumes.
- Layer 2/3 Capabilities:** Layer 3 switches provide routing alongside switching, essential for large networks.
- PoE Support:** Power over Ethernet is critical for connecting devices like IP cameras, phones, and sensors.
- Environmental Tolerance:** Industrial switches should withstand extreme temperatures, vibration, and humidity.
- Security and Management:** Features like VLANs, QoS, and IEC 62443 compliance ensure secure a...

Article Content

35 Ethernet Switch Manufacturers in 2026

35 Ethernet Switch Manufacturers in 2026 This section provides an overview for ethernet switches as well as their applications and principles. Also, please take a look at the list of 35 ethernet switch

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

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A practical 2026 guide to 800G Ethernet adoption: spine-leaf design, congestion control, observability, optics and fiber planning, and how to upgrade.

Ethernet Switches

Fortinet's Industrial Ethernet Switch Solutions are high-performance, cost-effective, and secure. Shop Fortinet's commercial ethernet switches with port-level network access security.

9 Best Network Switches for 2024: Speed and Features

Network switches can increase your network's connectivity speeds, give you access to more ports, and cut your infrastructure costs. Find the right

Network Switches

Our DIN rail industrial switches deliver low-jitter, high-bandwidth connectivity with integrated security and Power over Ethernet (PoE). They also bridge the gap

RUCKUS Ethernet Switches

With non-blocking architecture, 1-100 Gbps uplinks, advanced stacking, full PoE++ , and Multigigabit Ethernet speeds, they provide the power and high-speed

S3410-24TS-P, 24-Port Gigabit Ethernet L2+ PoE+ Switch, 24 x PoE

OverviewThe S3410-24TS-P is a high-performance Layer 2+ Gigabit Ethernet switch designed for campus network environments. It features 24 ports of 10/100/1000BASE-T RJ45 with support for

Moxa Industrial Ethernet Switches & Routers

Moxa unmanaged switches (Moxa EDS series) belonging to Industrial Ethernet Switches & Routers provide a wide range of din-rail Ethernet switches with

35 Ethernet Switch Manufacturers in 2026

This section provides an overview for ethernet switches as well as their applications and principles. Also, please take a look at the list of 35 ethernet switch manufacturers and their company rankings.

The 12 best network switch vendors & alternatives for 2025

We list the 12 network switch vendors for 2025. Our list compares their features, performance, and price to help you pick the right option for your

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

The 12 best network switch vendors & alternatives for 2025

We compare network switch vendors with our fully managed network service. Our guide shows why Meter is the top pick for enterprises in 2025.

Core Switch vs. Distribution Switch vs. Access Switch

Core Switch vs. Distribution Switch vs. Access Switch: Understand Their Roles in Ethernet Networks Ethernet networks are growing and becoming more complex, with high-capacity WANs now being

L2 SWITCHES

With the trend of high speed Ethernet, 10/40/100Gbps, Edgecore switches offer a complete set of advanced software features that will easily satisfy the demands of enterprises and SMBs everywhere.

Network Switches | Huawei Enterprise

Huawei campus switches are ideal for building future-proof campus networks with simplified management, high reliability, and service intelligence, across

Smart Manufacturing Industrial Automation | Rockwell

We connect the imaginations of people with the potential of technology to expand what is humanly possible, making the world more productive and sustainable.

Ethernet Switches

With 10 or 40 Gigabit Ethernet access ports and a high throughput backbone, FortiSwitch Data Center Switches are ideal for top-of-rack server or firewall-aggregation applications. These high-speed

L2 SWITCHES

L2+/Lite L3 10G Multi-Gigabit Ethernet Switch The Edgecore ECS5500-12P switch is a 10G Ethernet access switch with 8 x 10GBASE-T ports and 2 x 10G SFP+/2

What is an Ethernet switch?

What is an Ethernet switch? An Ethernet switch is a type of network hardware that is foundational to networking and the internet. Ethernet switches connect cabled

All Switches Products

Cisco has a comprehensive portfolio of network switches and switching solutions for enterprise networks, data centers and small businesses. Learn more.

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