

Three-layer industrial switch manufacturers and brands



AI Overview

Leading manufacturers of industrial Layer 3 switches include Advantech, Belden (Hirschmann), Come-Star, Kontron, and Emerson, offering rugged, high-performance switches for complex industrial networks.

Key Manufacturers and Brands

- Advantech:** Offers industrial Layer 3 switches designed for high-speed routing, VLAN management, and network segmentation, suitable for factory automation and transportation systems.
- Belden (Hirschmann & Lumberg Automation):** Provides ruggedized managed Ethernet switches with Layer 3 capabilities, supporting IT/OT convergence, high reliability, and harsh environment operation.
- Come-Star:** Specializes in industrial-grade Layer 3 Ethernet switches with advanced routing, OSPF support, QoS prioritization, and robust aluminum alloy housing for extreme temperatures and vibration.
- Kontron:** Supplies professional industrial networking equipment, including Layer 3 switches for datacenter and industrial applications.
- Emerson:** Offers Layer 3 industrial switches with high reliability and integration for utility and industrial automation networks.

Features of Industrial Layer 3 Switches

- Routing Between VLANs/Subnets:** Unlike Layer 2 switches, Layer 3 switches can route traffic between different network segments, essential for large-scale industrial networks.
- Rugged Design:** Many industrial switches operate in extreme temperatures (-40°C to +75°C) and high-vibration environments.
- Advanced Management:** Support for CLI, web interfaces, SNMP, and automation tools for easy deployment and monitoring.
- High Performance:** Gigabit and fiber options, low latency, and QoS features to prioritize critical industrial protocols.
- Redundancy and Reliability:** Features like port mirroring, broadcast storm control, and redundant power inputs ensure network stability.

Considerations When Choosing a Vendor

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Article Content

Layer 3 network switch, Layer 3 ethernet switch

Find your layer 3 network switch easily amongst the 249 products from the leading brands (Advantech, Kontron, Emerson, ...) on DirectIndustry, the industry specialist for your professional purchases.

19 Industrial Ethernet Switch Manufacturers in 2026 | Metoree

This section provides an overview for industrial ethernet switches as well as their applications and principles. Also, please take a look at the list of 19 industrial ethernet switch manufacturers and their

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First published on TECHNET on May 19, 2014 Storage Classification was introduced in System Center 2012 Virtual Machine Manager (VMM 2012) to provide the...

Layer 3 Industrial Ethernet Switches | Industrial Grade

Explore industrial Layer 3 Ethernet switches designed for routing, VLAN control, and large-scale industrial networks.

List of networking hardware manufacturers

Typically, this includes routers, switches, access points, network interface cards and other related hardware. This is a list of notable vendors who produce network hardware.

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Layer 3 Switches | Industrial Ethernet Switches | EtherWAN

All lite Layer 3 switches support SNMP, port mirroring, QoS, flow control, VLANs, Link Aggregation, IGMP snooping, DHCP, and DDM. EtherWAN's Layer 3 switches can make routing decisions based

Best Network Switch Manufacturers: Top Companies to Consider for

Final Words In today's fast-paced technological landscape, selecting the best network switch manufacturer is crucial for ensuring seamless connectivity and optimized network

Industrial switch, Industrial electric switch

Find your industrial switch easily amongst the 171 products from the leading brands (BANNER, ELMA, NXP, ...) on DirectIndustry, the industry specialist for your professional purchases.

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.

5 Layer 3 Switch Manufacturers in 2026 | Metoree

This section provides an overview for layer 3 switches as well as their applications and principles. Also, please take a look at the list of 5 layer 3 switch manufacturers and their company rankings.

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Layer 3 Ethernet switch module

Find your layer 3 ethernet switch module easily amongst the 4 products from the leading brands (Kontron, Korenix, Maisvch, ...) on DirectIndustry, the industry

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Network switch, Ethernet switch

A network switch (or Ethernet switch) is a communication device that is used to distribute data over cable networks. It usually comes in the form of a box with

Layer 3 Rackmount Switch | Industrial Ethernet Switch

CTC Union offers a full spectrum of products, including Layer 3 Rackmount Switch, Industrial Ethernet, PoE, EN50155 and E-Mark certified switches. CTC Union's

Best Layer 3 Switch in 2026: Tested and Reviewed

In this guide, we've tested and reviewed some of the top Layer 3 switches available today to help you make an informed decision.

Layer 3 Managed Switches

We offer toughened industry-specific products with multiple industry certifications, such as parts of the EN 50155 standard for rail applications, IEC 61850-3 for

Atlantic International University

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

Top Layer 3 Switch Companies & How to Compare Them (2025)

The analysis covers essential trends, growth drivers, and strategic industry outlooks. Layer 3 switches are essential for modern network infrastructure.

Industrial network switch

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15 Electric Switch Manufacturers in 2026 | Metoree

15 Electric Switch Manufacturers in 2026 This section provides an overview for electric switches as well as their applications and principles. Also, please take a look at the list of 15 electric switch

Contact Us

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