

Brands of Layer 3 Core Switches



AI Overview

Top brands for Core Layer 3 switches include Cisco, MikroTik, Ubiquiti, HP/Aruba, Teldat, and Lantech, offering enterprise-grade performance and advanced routing capabilities.

Leading Core Layer 3 Switch Brands

- 1. Cisco** Cisco is a market leader in enterprise networking, offering Layer 3 switches such as the CBS350-48FP-4G, which provides 48 Gigabit Ethernet ports, 4 SFP uplinks, full PoE support, and advanced security features like IP-MAC port binding and IPv6 First Hop Security. Cisco switches are widely used in core and aggregation layers for their reliability, scalability, and extensive management options.
- 2. MikroTik** MikroTik's CRS317-1G-16S+RM is a high-performance Layer 3 switch with 16 SFP+ ports and a 1GbE management port. It supports VLANs, Spanning Tree Protocol (STP), Link Aggregation (LACP), and dual redundant power supplies, making it suitable for high-speed core network deployments.
- 3. Ubiquiti** Ubiquiti offers the USW Enterprise XG 24 and Pro Max Layer 3 Switch, designed for enterprise environments. These switches provide 10GbE or Gigabit ports, SFP uplinks, full Layer 3 routing, and integration with the UniFi Network management platform for remote monitoring and configuration.
- 4. HP/Aruba** The HP JL255A E Aruba 2930F is a Layer 3 switch with 24 Gigabit ports and 4 SFP+ uplinks. It supports PoE+, inter-VLAN routing, and scalable integration with fiber infrastructure, making it suitable for modern digital workplaces.
- 5. Industrial and Specialized Vendors**
 - Teldat:** Offers modular Layer 3 switches like the ESW0L 3 series, designed for medium to large industrial networks with high security and redundancy features.
 - Lantech:** Provides high-performance Layer 3 Ethernet switches such as the T (P)GS-L6416XT, supporting multiple copper and fiber ports with PoE capabilities for industrial and core network applications.

Considerations for Core Layer 3 Switch Selection

When selecting a core Layer 3 switch, consider:

- Port density and speed:** Ensure sufficient 1G, 10G, or higher ports for backbone connectivity.
- Routing capabilities:**

Article Content

Layer 3 Switches

Layer 3 switches are especially beneficial for businesses, educational institutions, and organizations with multiple departments or network segments that need to communicate efficiently. They are also useful

Top 12 Layer 3 Switches to Elevate Your Network

Discover the top picks for the best layer 3 switch, ensuring unmatched performance and seamless connectivity for your network needs.

Atlantic International University

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

L3 SWITCHES

The L3 switch is ideal for service provider edge aggregation, enterprise wiring closets, data center aggregation, and network core deployment. These switches

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.

Core Switch vs. Distribution Switch vs. Access Switch

The access layer consists of layer 3 switches, which take routed and switched data packets from the distribution switches and then route them to the access devices

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.

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.

All Switches Products

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

128k-tokens/o200k_base.txt at main · willhama/128k

Visualization of different context lengths in text - willhama/128k-tokens

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

Best Core Switches for 2026 Enterprise Networks

Discover the top core switches for 2026 enterprise and data center networks. Compare modular, fixed, and high-performance options. Click to find the best fit for your business needs.

Best Layer 3 Switches For Network Dominance

A Layer 3 switch, at its core, combines the functionalities of a traditional Layer 2 switch and a router. While a Layer 2 switch primarily operates at the data link layer, forwarding traffic based

Network Switches | Huawei Enterprise

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

6 New Layer 3 Aggregation & Core Switches Powered

Asterfusion introduced five Layer 3 aggregation and core switches powered by their cutting-edge SONiC-based Enterprise operating system in

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.

Best Enterprise Switches 2025: Top 5 Network Switches

This is not another surface-level review. This is a technical deep dive into the premier enterprise network switches defining 2025. We move beyond

Best Layer 3 Switches For Network Dominance

Layer 3 switches represent a pivotal technology in modern network infrastructure, bridging the gap between traditional Layer 2 switching and Layer 3 routing.

HPE Aruba Networking CX switches

HPE Aruba Networking CX 6300 Switch Series Layer 3 stackable access and aggregation switches with Multi-Gigabit Ethernet, High Power PoE, and up to

Cisco Switch Selector

9-Tbps/chassis switching capacity DNA Center, SD-Access, E-LLW This is the next generation of modular Gigabit and Multigigabit Ethernet switches. The series

Best Layer 3 Switch of 2026: Tested and Reviewed

In this guide, we've tested and reviewed the best layer 3 switch on the market to help you choose the right one for your networking needs.

Contact Us

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