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Brands of Core Layer 3 Switches



Overview

Best Layer 3 Switch in 2026: Tested and ReviewedIn this guide, we've tested and reviewed some of the top Layer 3 switches available today to help you make.

Key Takeaways

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

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• 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: Full Layer 3 support for inter-VLAN routing and dynamic routing protocols.

• Redundancy and reliability: Dual power supplies, failover support, and industrial-grade designs for critical networks.

• Management and monitoring: Support for SNMP, web interfaces, or cloud-based management platforms.

• PoE support: If powering devices like IP phones or access points is required. These brands and models represent reliable options for building a robust, scalable, and high-performance core network infrastructure.

Article Content

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

Top 12 Layer 3 Switches to Elevate Your Network

Dive into our concise guide to discover the top layer 3 switches that deliver superior functionality without the fluff, making your

Layer 3 network switch, Layer 3 ethernet switch

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Are you in search of the best layer 3 switches for your networking needs? Look no further, as we have compiled a list

Fixed Port L3 Managed Ethernet Switches

HPE Networking CW 2150 Switch Series empowers your business with reliable, high-performance networking tailored for small and

Layer 3 Switches

Layer 3 switches are an essential component for organizations and individuals seeking to build robust, scalable, and efficient network

Amazon : Cisco Layer 3 Switches

Browse Layer 3 managed switches from Cisco. Offers reliable performance, redundancy, and comprehensive network features.

L3 SWITCHES

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

How to Choose Layer-3 /Core Switches for Enterprise Networks

However, they are also more expensive than fixed switches. In order to guarantee the availability of the network, it is

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An enterprise network switch serves as the central hub for connecting devices and ensuring seamless communication

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Network switches can increase your network''s connectivity speeds, give you access to

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MS Layer 3 Switching and Routing

Layer 3 routing capabilities are available on most Cisco Meraki switches. This allows the switches to route traffic

Best Enterprise Switches 2025: Top 5 Network

Network Devices offers brand-new IT hardware for businesses of all sizes—shop switches,

Layer 3 Lite vs Layer 3 Basic vs Layer 3 Dynamic vs Layer 3 ...

This guide provides a comparison of Layer 3 network switches: Lite, Basic, Dynamic, and Advanced, to help you

Switches-H3C

Products Data Center Switches Campus Network Switches AON Network Industrial Switches Data Center Switches Ultra-wideband,

Network Switches | HPE Juniper Networking US

EX Series Ethernet Switches are cloud-ready, high-performance access and aggregation/core layer switches designed for enterprise

10 Best Layer 3 Switches

Layer 3 switches are one of the most advanced networking devices available today. They are able to handle both Layer 2 and Layer

Small and Medium Enterprise Network Switches

Power your growing business with Cisco network switches built to evolve with your network, offering simplicity, security, and

Network Switches

Cisco network switches deliver performance, flexibility, and security. Cisco switches are scalable and cost-efficient and meet the

Get reliable Layer 3 Switches from US stock with fast shipping ...

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At the core of Ethernet networks there always are Layer 3 switches able to properly route the aggregate data traffic.

Network Switches | Huawei Enterprise

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Best Layer 3 Switches For Network Dominance

Layer 3 switches represent a pivotal technology in modern network infrastructure, bridging the gap between traditional

Network Switch Competitive Comparison Chart

Explore the competitive comparison chart of Cisco network switches highlighting innovations that offer more capabilities for your

All Switches Products

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Switches All Switches Products Cisco delivers a comprehensive portfolio of switching solutions for Enterprise Networks, data

Network Switches Overview, Solutions, Brands and Products

Network switches are networking devices operating at layer 2 or a data link layer of the OSI model. They connect devices in a

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Discover the top core switches for 2026 enterprise and data center networks. Compare modular, fixed, and high

Fixed Port L3 Managed Ethernet Switches

These fully managed, stackable Layer 3 switches deliver enterprise-grade features without the complexity or high cost. With CW

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7 Best Enterprise Core Switches for 2026 That Power Your Network

Discover the top enterprise core switches for 2026. Our guide highlights the best options for performance, value, and

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