

Price List for Intelligent Core Switches for Data Center Interconnection



Overview

10/25/40/100/200/400GbE Data Center Switches Best price of high performance data center switches mainly for large enterprises and cloud providers. Buy now!.

Key Takeaways

Intelligent core switches for data center interconnection range widely in price depending on vendor, port density, speed, and features, with options from FS, HPE, Cisco, Huawei, and Ruijie available for direct inquiry. Overview of Core Switch Options



FS offers flexible 10/25/40/100/200/400GbE data center switches suitable for large enterprises and cloud providers, with both fixed and modular chassis options for scalable deployments . HPE Networking provides the Comware 12900E modular series, supporting 1–16 slot chassis with 1GbE to 400GbE connectivity, designed for virtualized and cloud-ready data centers. The FlexFabric 5980 series offers low-latency 10GbE top-of-rack switches with 100Gbps uplinks, while the 5900 series provides high-density, low-latency access-layer switches . Cisco Nexus switches cover a wide range from 1G to 400G, with modular and fixed designs optimized for spine-leaf, top-of-rack, and AI-ready 800G infrastructures. They include FPGA-based programmable NICs, low-latency designs, and advanced telemetry for high-performance data centers . Huawei CloudEngine 16800 and Ruijie RG-N18010-XH offer ultra-high-density solutions with up to 288 x 100GE ports and 1152 x 100GE ports respectively, suitable for hyperscale cloud and enterprise data centers . Accio highlights next-generation high-speed switches with 100Gbps uplinks, AI/ML workload optimization, P4 programmability, and open networking options, emphasizing total cost of ownership (TCO) considerations including power, cooling, optics, and licensing .

Pricing Considerations

- **Vendor and Model:** Prices vary significantly between vendors and chassis configurations. Modular switches with higher slot counts and port densities are more expensive.
- **Port Speeds:** 10/25/40GbE switches are generally lower cost than 100/200/400GbE or 800GbE switches.
- **Total Cost of Ownership (TCO):** Includes optics, licensing, power, cooling, and support over 3–5 years. Energy efficiency and low-latency features can impact operational costs .
- **Minimum Order Quantity (MOQ):** Some vendors allow single-unit purchases for pilots, while large deployments may require higher MOQs.
- **Future-Proofing:** Consider forward compatibility with breakout cables and programmable pipelines for AI/ML workloads.

How to Obtain Pricing

- **Direct Vendor Inquiry:** Contact FS, HPE, Cisco, Huawei, or Ruijie sales teams for quotes tailored to your deployment size and configuration .
- **Authorized Resellers:** Platforms like network-switch.com provide competitive pricing and support for multiple brands, including Cisco, Huawei, and Ruijie .
- **White-Box Options:** Open networking switches with disaggregated NOS can offer 20–40% cost savings compared to branded solutions .

Recommendation

For data center interconnection, select switches that support high port density, low latency, Layer 2/3 features, and SDN programmability. Evaluate TCO, vendor support, and future scalability rather than just purchase price. For exact pricing, request a custom quote from the vendor or authorized reseller based on your required configuration and deployment scale.

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H3C S12500G-AF is H3C's new generation of AI intelligent switches for the core scenarios of data centers, providing the industry's

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The HPE Networking Comware Switch Series 5945 is a family of high-density, ultra-low-latency top-of-rack (ToR) switches designed

Switches

These switches accommodate cloud data center, large metro core, aggregation, edge aggregation, and access networking

Data Center Switches - Cisco Nexus

Transform your data center and cloud networking infrastructure with Cisco Nexus 9000 Series and Cisco MDS switches.

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200G industrial switches for data center interconnection are available from multiple vendors, with prices typically ranging from

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Network Switches

Cisco network switches deliver performance, flexibility, and security. Cisco switches are scalable and cost

Cisco Switch Selector

The Cisco Nexus 9500 R-Series is a high-speed, high-density 1, 10, 25, 40, 50, and 100 Gigabit Ethernet modular switch designed

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Core Switch Price Guide: How to Choose Without Overpaying

A practical, no-fluff guide to core switch pricing—what drives cost, when budget matters most, and how to match

400G/800G AI Data Center Switches

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