

HPE Networking Comware Switch Series 5710



What's new

- Delivers up to 1,440 Gbps switching capacity for the most demanding applications.
- Low latency, under 1.5 s 10GbE latency, provides improved throughput and fewer lost packets.
- Provides choices that fit your budget and IT environment by offering different port density and speeds (1/10G) SFP+ or 10BASE-T with 40 and 100GbE high speed uplinks options.
- Affordably priced, with full support for Layer 2, Layer 3, IPv4 and IPv6 networking

Overview

The HPE FlexFabric 5710 Switch Series are purpose built top-of-rack data center switches that address the growth of Web, cloud and dense virtualized environments that require high performance 1/10GbE server connectivity, direct attached IP storage networking and GbE out-of-band server management. The HPE 5710 is a family of fixed high-performance and low-latency 1/10GbE top-of-rack data center switches designed for small to mid-size data center rack server connectivity. The HPE FlexFabric 5710 Switch Series provides choices that fit your budget and IT environment by offering different port density and speeds (1/10G) SFP+ or 10BASE-T with 40 and 100GbE high speed uplinks options. Although affordability priced, the HPE FlexFabric 5710 Switch Series offers a comprehensive set of data center features including full

protocols at no additional cost for these advanced features.

support for Layer 2, Layer 3, IPv4 and IPv6 networking protocols at no additional cost for these advanced features.

Features

Accelerate Application Performance

HPE FlexFabric 5710 Switch Series are high density, low-latency switches, the perfect solution for bandwidth-intensive workloads.

Two-tier network design delivers outstanding performance while protecting and extending existing Hewlett Packard Enterprise or 3rd party core network investments.

Delivers up to 1,440 Gbps switching capacity for the most demanding applications.

Low latency, under 1.5 s 10GbE latency, provides improved throughput and fewer lost packets.

Simplify Administration and Support

The HPE FlexFabric 5710 Switch addresses small to mid-size organizations needing fixed high-performance and low-latency 1/10GbE top-of-rack data center switches for server connectivity

The HPE FlexFabric 5710 Switch Series includes the HPE Intelligent Resilient Framework which reduces administrative touchpoints by making multiple physical switches appear as a single virtual switch from a management perspective.

Reduce Cost and Simplify Operations While Accelerating Performance

HPE FlexFabric 5710 Switch Series reduces lock-in and having to replace the hardware. Unlike competitive products based on proprietary technology and closed designs, the HPE FlexFabric 5710 Switch Series top-of-rack products are based on industry standards and an open architecture.

Removes hidden software expenses; the all-inclusive HPE FlexFabric Switch license includes a complete set of advanced features.

High-performance IP-attached switching allows the reduction of equipment and operations expense and complexity and delivers fast connectivity for HPE 3PAR, HPE Nimble, HPE SimpliVity or third-party storage arrays.

Hewlett Packard Enterprise Servers and Networking are Better Together

HPE FlexFabric 5710 Switch Series helps accelerate performance, simplify operations and contain costs.

HPE ProLiant Servers, server networking options, HPE FlexFabric top-of-rack switches, transceivers and cables are designed and tested to work better, together.

Ability to migrate your compute, storage and networking infrastructure to support the most business critical applications - with confidence.



Technical specifications**HPE Networking Comware Switch Series 5710**

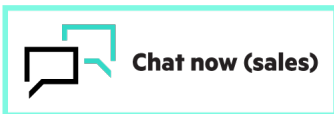
Ports	48 SFP, 40 1/10GBASE-T and 8 10GBASE-T, 24 SFP, or 24 1/10GBASE-T ports, depending on model. All models also have 6 QSFP+ or 2 QSFP28 ports.
Memory and processor	1 GB flash, 4 GB SDRAM, packet buffer size: 12 MB
Throughput	1071 Mpps, maximum, depending on model
Switching capacity	1440 Gbps, maximum, depending on model
Stacking capabilities	10 FlexFabric 5710 physical switches can be combined into one virtual switch configuration and are managed using a single IP address
Management features	HPE IMC, CLI, out-of-band management, SNMP Manager, Telnet, FTP
Power consumption	Idle power: 108W, maximum, depending on model



For additional technical information, available models and options, please reference the [QuickSpecs](#)

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product
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