HPE Networking Comware Switch Series 5710

HPE Networking Comware Switch 24p SFP+ 1G/10G 6p QSFP+ 40G 2p QSFP28 100G TAA 5710 (S3K85A)

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 protocols at no additional cost for these advanced features.
- New made in USA TAA-compliant SKUs offer heightened security via manual and automated source code analysis to address common programming issues, easing concerns about "made in China" products

Overview

The HPE Networking Comware Switch Series 5710 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 5710 Series switch 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 Networking Comware Switch Series 5710 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 5710 Series switch offers a comprehensive set of data center features including full support for Layer 2, Layer 3, IPv4 and IPv6 networking protocols at no additional cost for these advanced features.

Features

Accelerate Application Performance

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

Removes hidden software expenses; the all-inclusive HPE Comware 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 Networking Comware Switch Series 5710 helps accelerate performance, simplify operations and contain costs.

HPE ProLiant Servers, server networking options, HPE Comware 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 24p SFP+ 1G/10G 6p QSFP+ 40G 2p QSFP28 100G TAA 5710

Product Number	S3K85A
Differentiator	24 SFP+ ports with either 6 QSFP+ or 2 QSFP28 ports. For small to mid-size organizations needing fixed high-performance and low-latency 1/10GbE top-of-rack data center switches for server connectivity.
Ports	24 SFP and 6 QSFP+ or 2 QSFP28
Memory and processor	1 GB flash, 4 GB SDRAM packet buffer size: 12 MB
Latency	<1.5 µs (64-byte packets)
Throughput	714 Mpps
Switching capacity	960 Gbps
Stacking capabilities	9 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
Input voltage	100 VAC–240 VAC
Power consumption	Idle power: 74W
Heat dissipation	457 BTU/hr

For additional technical information, available models and options, please reference the QuickSpecs

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HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The Defective Media Retention (DMR) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. Comprehensive Defective Material Retention (CDMR) allows you to keep all data retentive components.

HPE GreenLake

HPE GreenLake edge-to-cloud platform is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them here.

Explore **HPE GreenLake**

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Hewlett Packard Enterprise