Hewlett Packard Enterprise

HPE FlexFabric 5710 48XGT 6QSFP+ or 2QSFP28 Switch (JL586A)

Switches



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

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

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.

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 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 FlexFabric 5710 48XGT 6QSFP+ or 2QSFP28 Switch
Product Number (SKU)	JL586A
Differentiator	48 10GBASE-T 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	48XGT 6QSFP+ or 2QSFP28
Memory and processor	1 GB flash, 4 GB SDRAM packet buffer size: 12 MB
Latency	<2.5 s (64-byte packets)
Throughput	1071 Mpps
Switching capacity	1440 Gbps
Input voltage	100 VAC–240 VAC
Power consumption	Idle power: 108W
Heat dissipation	900 BTU/hr
Minimum dimensions (H x W x D)	44 mm × 440 mm × 400 mm (H x W x D)
Weight	10.25 kg

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

HPE Pointnext

HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes—Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalize deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

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