



Hewlett Packard
Enterprise

HPE FLEXFABRIC 5710 48SFP+ 6QSFP+ OR 2QSFP28 SWITCH (JL585A)

Fixed Port L3 Managed Ethernet 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

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

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.

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 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 48SFP+ 6QSFP+ or 2QSFP28 Switch

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|------------------------------------|---|
| Product Number | JL585A |
| Differentiator | 48 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 | 48 SFP and 6 QSFP+ or 2 QSFP28 |
| Memory and processor | 1 GB flash, 4 GB SDRAM packet buffer size: 12 MB |
| Latency | <1.5 μ s (64-byte packets) |
| Throughput | 1071 Mpps |
| Switching capacity | 1440 Gbps |
| 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 |
| Input voltage | 100 VAC–240 VAC |
| Power Consumption | Idle power: 74W |
| Heat dissipation | 607 BTU/hr |
| Product Dimensions (metric) | 44 × 440 × 400 mm |
| Weight | 8.65 kg |



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

HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT 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. HPE GreenLake delivers public cloud services and infrastructure for workloads 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](#).

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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
[PSN1010879688IEEN](#), April, 2022.