



**Hewlett Packard**  
Enterprise

# HPE FLEXFABRIC 5710 SWITCH SERIES

## Fixed Port L3 Managed Ethernet Switches



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### 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.

### 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

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- Affordably priced, with full support for Layer 2, Layer 3, IPv4 and IPv6 networking protocols at no additional cost for these advanced features.

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 Switch Series**

<b>Ports</b>	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.
<b>Memory and processor</b>	1 GB flash, 4 GB SDRAM, packet buffer size: 12 MB
<b>Throughput</b>	1071 Mpps, maximum, depending on model
<b>Switching capacity</b>	1440 Gbps, maximum, depending on model
<b>Stacking capabilities</b>	10 FlexFabric 5710 physical switches can be combined into one virtual switch configuration and are managed using a single IP address
<b>Management features</b>	HPE IMC, CLI, out-of-band management, SNMP Manager, Telnet, FTP
<b>Power Consumption</b>	Idle power: 108W, maximum, depending on model



Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, [HPE Pointnext Services](#)' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. [Operational Services](#) help you remove complexity and respond rapidly to business demands.

### **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 Datacenter Care](#)** helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- **[HPE Proactive Care](#)** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- **[HPE Foundation Care](#)** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more](#).

### **Other related services**

**[Defective Media Retention](#)** is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

**[HPE Service Credits](#)** offers a menu of technical services, access additional resources, and specialist skills.

**[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.



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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