



HPE FLEXFABRIC 5700 SWITCH SERIES

Fixed Port L3 Managed Ethernet Switches



WHAT'S NEW

- Family of switches aimed at expanding networks access layer.
- Network fabric expansion with local switching capacity.
- Lower TCO with competitive costs with simpler management.
- Enhanced IRF support of up to 30 switches reduces management complexity.
- OpenFlow and SDN automate manual tasks and speed service delivery.

OVERVIEW

The HPE FlexFabric 5700 Switch Series provides an open door for expanding your enterprise network by adding capacity with local switching and L2/Light L3 support. Take advantage of IRF enhancements for spine/leaf configurations, to simplify network management and expand server connectivity. Resilience and ease of management come hand-in-hand with the FlexFabric 5700. While IRF reduces management complexities by up to 88%, it also delivers <50msec convergence time. You can rely on the FlexFabric 5700 to lower TCO with up to a 25% lower cost than competing devices.

FEATURES

Expand Your Data Center Network with Confidence

The HPE FlexFabric 5700 Switch Series expands your enterprise network by adding local switching capacity for better scalability, so that you can support more customers.

Up to thirty (30) HPE FlexFabric switches can be added to the network and managed by one Controlling Bridge (CB) switch improving server connectivity.

The FlexFabric 5700 Switch Series gives you choices that fit your budget and environment by offering 1/10GbE ports supporting SFP and BASE-T with 10/40GbE uplinks.

High-Performance Data Center Switching

The HPE FlexFabric 5700 Switch Series delivers up to 960Gbps switching capacity for the most demanding applications.

Provides local switching and participates in the network unlike competing port multiplexers.

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

Business Agility and Resilience with Comware 7

The HPE FlexFabric 5700 Switch Series delivers IRF <50msec convergence time enabling faster application response time.

The 5700 Switch Series supports spine/leaf IRF to enhance network agility with ECMP and faster convergence.

In Service Software Update (ISSU) enables high availability with updates accomplished without a reboot or power cycle, in the background.

Simplicity and Lower TCO

The HPE FlexFabric 5700 Switch Series simplifies switch management by up to 88% with IRF.

No hidden software licensing costs, all OS features included with switch purchase.

Automate tedious tasks with software defined network (SDN) and reclaim wasted resources.



Technical specifications

HPE FlexFabric 5700 Switch Series

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|-----------------------------------|--|
| Differentiator | The HPE Flex Fabric 5700 Switch Series is a family of high-performance, high-density, ultra-low-latency, Light Layer-3, top-of-rack (ToR) switches, ideally suited for deployment at the server access layer in large enterprise data centers. |
| Ports | 48 10/100/1000, 40 1000/10000 SFP+ or 32 1/10GBASE-T ports, 2 QSFP+ ports, depending on model Up to 8 1000/10000 SFP+ ports available on selected models |
| Memory and processor | 512 MB flash Packet buffer size: 9 MB 2 GB SDRAM |
| Latency | 10 Gbps Latency: < 1.5 μ s |
| Throughput | 714.2 Mpps Maximum, depending on model |
| Routing/switching capacity | 960 Gbps Maximum, depending on model |
| Stacking capabilities | IRF 9 switches |
| Management features | IMC - Intelligent Management Center Command-line interface Out-of-band management SNMP manager Telnet FTP |
| Input voltage | -48 to -60 VDC, depending on configuration |
| Operating humidity range | 10 to 90% (noncondensing) |



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.

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- **[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.

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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
[PSN7268889CZEN](#), July, 2021.