HPE FlexFabric 7904 Switch Chassis (JG682A)

Switches

Overview

The HPE FlexFabric 7900 Modular Core Switch is a compact modular data center core switch supporting virtualized data centers and evolutionary needs of private and public clouds deployments. Delivering unprecedented levels of performance, buffering, scale, and availability with high density 10GbE, 40GbE and 100GbE interfaces, using only a fraction of the footprint used by traditional chassis.

The switch supports full Layer 2 and 3 features, including advanced features such as TRILL and HPE Intelligent Resilient Fabric (IRF), which enable scale-out, two-tier leaf-spine

architecture

Features

Next Generation Compact Modular Data Center Core Switch

The HPE FlexFabric 7900 Modular Core Switch supports virtualized data centers and public and private clouds deployments.

Supports scale-out, two-tier leaf-spine architectures with greater reliability.

Delivers Unprecedented Levels of Performance at Lower Cost

The HPE FlexFabric 7900 Modular Core Switch provides high density 10Gb, 40GbE and 100GbE interfaces in a smaller footprint than a traditional modular chassis.

Combines the investment protection and flexibility of a chassis – but in a smaller foot print and at a lower entry price.

Includes feature rich Hewlett Packard Enterprise (HPE) Comware capabilities and simplified zero cost/complexity licensing.

Enables a Simplified, Automated Software-Defined Networking (SDN) Fabric

With the HPE FlexFabric 7900 Modular Core Switch you get large Layer 2 scaling with TRILL and HPE IRF.

Federates HPE FlexFabric infrastructure with VMware NSX virtual overlay.

Supports VXLAN and OpenFlow 1.3.

Supports open, standards based programmability – SDN App Store and SDK.

Technical specifications HPE FlexFabric 7904 Switch Chassis

Product Number (SKU)	JG682A
Differentiator	4 I/O slots, integrated switch fabric and MPU.compact;modular data center core switch designed to support virtualized data centers and evolution needs of private and public clouds deployments.
Ports	(4) I/O module slots Supports a maximum of 48 40GbE ports or 192 10GbE ports or 96 1/10GbE ports or 8 100GbE ports, or a combination
Memory and processor	Dual Core MIPS64 @ 1.2 GHz 512 MB flash 4 GB DDR2 SDRAM
Throughput	up to 2.3 Bpps
Switching capacity	3.8 Tbps
Management features	IMC - Intelligent Management Center Command-line interface Out-of-band management (serial RS-232C) SNMP manager Telnet Terminal interface (serial RS-232C) Modem interface IEEE 802.3 Ethernet MIB Ethernet interface MIB
Input voltage	100 - 120 / 200 - 240 VAC, rated
Operating temperature range	0 to 40°C
Operating humidity range	10 to 95% (noncondensing)
Minimum dimensions (W x D x H)	44 x 72 x 8.81 cm
Weight	17.9 kg
Warranty	1-year Warranty: See www.hpe.com/networking/warrantysummary for warranty and support information included with your product purchase. Software releases: for details on the software releases available with your product purchase refer to www.hpe.com/networking/warrantysummary.

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.
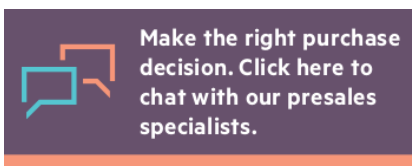
Operational Services

- **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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