Hewlett Packard Enterprise

HPE FLEXNETWORK 5130 EI SWITCH SERIES

Fixed Port L3 Managed Ethernet Switches

WHAT'S NEW

- Scalable managed switches with static layer 3 routing, RIP and 9 chassis IRF stacking.
- Four fixed 10GbE uplinks (SFP+ and 10GBASE-T).
- PoE+ models for voice, video and wireless.
- Limited Lifetime Warranty.

OVERVIEW

The HPE FlexNetwork 5130 EI Switch Series delivers flexibility, scalability and low TCO at the access layer of medium and large enterprise campus networks. The series offers enterprise class QoS and security, Hewlett Packard Enterprise Intelligent Resilient Fabric (IRF) stacking, static layer 3 routing and RIP, convenient fixed 10GbE uplink ports, PoE+, ACLs, IPv6 and delivers energy savings with Energy Efficient Ethernet.

The 5130 EI Switch Series can be managed with HPE Intelligent Management Center (IMC) for a single view of your entire network.

FEATURES

Scalable and Flexible Access Layer Switches

The HPE FlexNetwork 5130 EI Switch Series delivers flexibility, scalability and low TCO at the access layer of medium- and large-enterprise campus networks. The 5130 supports stacking, fixed 10GbE ports, static L3 routing and RIP v1/v2, PoE+, ACLs, IPv6 and Energy Efficient Ethernet power savings.

Intelligent Resilient Fabric (IRF) virtualizes up to nine physical switches into one logical device for simpler, flatter, more agile networks.

Four fixed 10GbE uplinks (SFP+ and 10GBASE-T) deliver performance for bandwidth intensive applications.

Includes Software-defined Network (SDN) capabilities with OpenFlow 1.3 support for future proofing your network.

Limited Lifetime Warranty and no software licensing required.

Improved Quality of Service with Traffic Management

The HPE FlexNetwork 5130 EI Switch Series supports advanced classifier-based QoS which groups traffic using multiple match criteria based on Layer 2 and 3 information; applies QoS policies such as setting priority level and rate limit to selected traffic on a port, VLAN, or entire switch.

Provides traffic prioritization with supported congestion actions include: strict priority (SP) queuing, weighted round robin (WRR), weighted random early detection (WRED), and SP+WRR and traffic policing with Committed Access Rate (CAR) and line rate.

Reduce unwanted network traffic with broadcast control allows limitation of broadcast traffic rate to cut down on unwanted network broadcast traffic.

Comprehensive Security Control

The HPE FlexNetwork 5130 EI Switch Series supports flexible authentication methods including 802.1X and MAC Authentication for greater security and policy-driven application authentication. Per-user access control lists (ACLs) provide identity-driven security and access control.

ACLs provide IP Layer 2 to Layer 4 traffic filtering; supports global ACL, VLAN ACL, port ACL, and IPv6 ACL.

Security with encryption of access methods (CLI, GUI, or MIB) through SSHv2, SSL, and/or SNMPv3, and other features including DHCP protection, IP source guard, dynamic ARP protection and RADIUS/HWTACAS.

Single View of the Network

The HPE FlexNetwork 5130 EI Switch Series can be seamlessly managed with HPE Intelligent Management Center (IMC) to provide end-to-end network transparency with consistent network experience through comprehensive configuration, compliance and policy management.

RMON and sFlow provide advanced monitoring and reporting capabilities for statistics, history, alarms and events.

Technical specifications — HPE FlexNetwork 5130 EI Switch Series

Differentiator	The HPE 5130 EI Switch Series are Gigabit Ethernet switches that support static and RIP Layer 3 routing, diversified services, IPv6 forwarding and provide four 10-Gigabit Ethernet extended interfaces.
Ports	48 10/100/1000 ports, maximum, or 16 100/1000 Mbps SFP and 8 dual-personality 100/1000 ports 4 SFP+ fixed 1000/10000 SFP+ ports, maximum 2 1/10GBASE-T ports available on select models PoE+ available, depending on model
Throughput	130.9 Mpps Maximum, depending on model
Routing/switching capacity	176 Gbps Maximum, depending on model
PoE capability	370 W PoE+ Maximum, depending on model
Stacking capabilities	IRF 9 switches
Management features	IMC - Intelligent Management Center Command-line interface Web browser SNMP manager
Input voltage	48 to -60 VDC Maximum, depending on model and 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.

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.

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