



Hewlett Packard
Enterprise

HPE FLEXNETWORK 5130 24G POE+ 2SFP+ 2XGT (370W) EI SWITCH (JG940A)

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).

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

- PoE+ models for voice, video and wireless.
- Limited Lifetime Warranty.

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 24G POE+ 2SFP+ 2XGT (370W) EI Switch

Product Number	JG940A
Differentiator	Gigabit Ethernet switch with 24 10/100/1000BASE-T, 2 SFP+ and 2 10GBASE-T ports Intelligent Resilient Framework (IRF) technology, static and RIP Layer 3 routing, and PoE/PoE+, supported
Ports	(24) RJ-45 autosensing 10/100/1000 ports (2) SFP+ fixed 1000/10000 SFP+ ports (2) RJ-45 1/10GBASE-T ports
Memory and processor	1 GB SDRAM Packet buffer size: 1.5 MB 512 MB flash
Latency	1000 Mb Latency: < 5 μ s 10 Gbps Latency: < 1.5 μ s
Throughput	up to 96 Mpps
Routing/switching capacity	128 Gbps
PoE capability	370 W PoE+
Stacking capabilities	IRF 9 switches
Management features	IMC - Intelligent Management Center Command-line interface Web browser SNMP manager
Input voltage	100 - 240 VAC, rated -54 to -57 VDC, rated (depending on power supply chosen)
Operating humidity range	10 to 90% (noncondensing)
Power Consumption	425 W (maximum)
Heat dissipation	105 / 1450 BTU/hr (110.78 / 1529.75 kJ/hr)
Product Dimensions (metric)	4.36 x 44 x 36 cm
Weight	6 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.

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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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