

## Overview

HPE FlexNetwork 5130 EI Series switches are fully managed enterprise class Gigabit switches supporting Layer 3 static routing and RIP routing, IRF stacking up to nine units high, with four built in 10 Gigabit links. This JG933A has 24 x 100/1000 SFP ports of which 8 are dual personality paired with 10/100/1000 ports. Additionally the switch has 4 x 1GbE / 10GbE SFP+ ports for high speed 10 Gigabit or Gigabit fiber connections. Transceivers must be purchased separately.

## Quick Spec

Figure 1 shows the appearance of HPE JG933A.

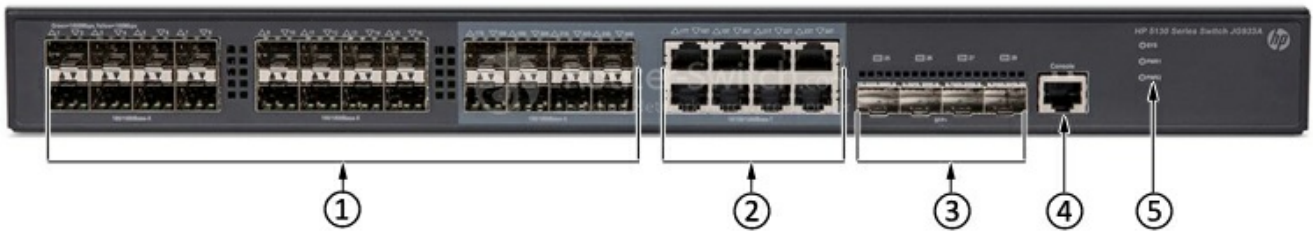


Table 1 shows the quick spec.

<b>Product Code</b>	JG933A
<b>Type</b>	HPE FlexNetwork 5130-24G-SFP-4SFP+ EI Switch
<b>I/O ports and slots</b>	16 x SFP 100/1000 Mbps ports 8 x SFP dual-personality ports - 10/100/1000BASE-T RJ-45 or 100/1000BASE-X Combo Ports 4 x SFP+ fixed 1000/10000 SFP+ ports
<b>Additional ports and slots</b>	1 x RJ-45 serial console port
<b>Power supplies</b>	2 x power supply slots 1 x minimum power supply required (ordered separately)
<b>Memory and processor</b>	1 GB SDRAM 512 MB flash packet buffer size: 1.5 MB
<b>Dimensions</b>	4.36 x 44 x 36 cm (1.72 x 17.32 x 14.17 in)
<b>Weight</b>	8 kg (17.64 lb)

## Product Details

Figure 2 shows the front panel of HPE JG933A.



Note:

(1)	24 × 100/1000Base-X SFP port
(2)	4 × 10/100/1000Base-T autosensing Ethernet port
(3)	4 × SFP+ port
(4)	Console port
(5)	System status LED (SYS), Power supply 1 status LED (PWR1) and Power supply 2 status LED (PWR2)

Figure 3 shows the back panel of HPE JG933A.



Note:

(1)	Grounding screw
(2)	Power supply slot 1
(3)	Power supply slot 2

### Compare to Similar Items

Table 2 shows the comparison.

Product Code	JG932A	JG933A	JG934A	JG936A	JG937A
Type	HPE FlexNetwork 5130-24G-4SFP+ EI Switch	HPE FlexNetwork 5130-24G-SFP-4SFP+ EI Switch	HPE FlexNetwork 5130-48G-4SFP+ EI Switch	HPE FlexNetwork 5130-24G-PoE+-4SFP+ (370W) EI Switch	HPE FlexNetwork 5130-48G-PoE+-4SFP+ (370W) EI Switch

<b>I/O ports and slots</b>	· 24 x RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only · 4 x SFP+ fixed 1000/10000 SFP+ ports	· 16 x SFP 100/1000 Mbps ports · 8 x SFP dual-personality ports - 10/100/1000BASE-T RJ-45 or 100/1000BASE-X Combo Ports · 4 x SFP+ fixed 1000/10000 SFP+ ports	· 48 x RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only · 4 x SFP+ fixed 1000/10000 SFP+ ports	· 24 x RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only · 4 x SFP+ fixed 1000/10000 SFP+ ports	· 48 x RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only · 4 x SFP+ fixed 1000/10000 SFP+ ports
<b>Additional ports and slots</b>	1 x RJ-45 serial console port	1 x RJ-45 serial console port	1 RJ-45 serial console port	1 x RJ-45 serial console port	1 x RJ-45 serial console port
<b>Memory and processor</b>	· 1 GB SDRAM · 512 MB flash · packet buffer size: 1.5 MB	· 1 GB SDRAM · 512 MB flash · packet buffer size: 1.5 MB	· 1 GB SDRAM · 512 MB flash · packet buffer size: 3 MB	· 1 GB SDRAM · 512 MB flash · packet buffer size: 1.5 MB	· 1 GB SDRAM · 512 MB flash · packet buffer size: 1.5 MB

## Get more information

Do you have any question about the JG933A?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

## Specification

<b>JG933A Specifications</b>	
Type	HPE FlexNetwork 5130-24G-SFP-4SFP+ EI Switch
<b>System specifications</b>	
I/O ports and slots	· 16 x SFP 100/1000 Mbps ports · 8 x SFP dual-personality ports - 10/100/1000BASE-T RJ-45 or 100/1000BASE-X Combo Ports · 4 x SFP+ fixed 1000/10000 SFP+ ports
Additional ports and slots	1 x RJ-45 serial console port
Power supplies	· 2 x power supply slots · 1 x minimum power supply required (ordered separately)
Memory and processor	· 1 GB SDRAM · 512 MB flash · packet buffer size: 1.5 MB
Reliability	MTBF (years) 52.79
Mounting and enclosure	Mounts in an EIA standard 19-inch telco rack or equipment cabinet (hardware included)
Management	IMC - Intelligent Management Center; command-line interface; Web browser; SNMP Manager
<b>Physical specifications</b>	
Dimensions (H x W x D)	4.36 x 44 x 36 cm (1.72 x 17.32 x 14.17 in)
Weight	8 kg (17.64 lb)
<b>Environmental specifications</b>	
Acoustic	Low-speed fan: 47.1 dB, High-speed fan: 50.7 dB; ISO 7779
Operating temperature	0°C to 45°C (32°F to 113°F)
Operating relative humidity	10% to 90%, noncondensing

Nonoperating/Storage temperature	-40°C to 70°C (-40°F to 158°F)
Nonoperating/Storage relative humidity	5% to 95%, noncondensing
<b>Electrical specifications</b>	
Frequency	50/60 Hz
Maximum heat dissipation	102/204 BTU/hr (107.61/215.22 kJ/hr), for AC Powered units. For DC powered units heat dissipation is 130BTU/hr min, 232BTU/hr max.
AC voltage	100 - 240 V ac
DC voltage	-48 to -60 VDC
Current	5 A
Maximum power rating	60 W
Idle power	30 W
PoE power	None
<b>Safety certifications</b>	
Safety	UL 60950-1; EN 60825-1 Safety of Laser Products-Part 1; EN 60825-2 Safety of Laser Products-Part 2; IEC 60950-1; CAN/CSA-C22.2 No. 60950-1; Anatel; ULAR; GOST; EN 60950-1/A11; FDA 21 CFR Subchapter J; NOM; ROHS Compliance
Emissions	EMC Directive 2004/108/EC; FCC (CFR 47, Part 15) Class A; EN 61000-4-11:2004; ANSI C63.4-2009; EN61000-3-3:2008; VCCI V-4/2012.04; EN 6100-3-2:2006+A1:2009 + A2:2009; EN 61000-3-2:2006+A1:2009+A2:2009 ; EN 61000-4-3:2006; EN 61000-4-4:2012; EN 61000-4-5:2006; EN 61000-4-6:2009; AS/NZS CISPR 22:2009 Class A; CISPR 22:2008 Class A; EN 55022:2010 Class A; EN 61000-4-29:2000; CISPR 24:2010; EN 300 386 V1.6.1; VCCI V-3/2013.04 Class A
<b>Standard and protocols</b>	
Device management	RFC 1157 SNMPv1/v2c RFC 1305 NTPv3 RFC 2573 (SNMPv3 Applications) RFC 2819 (RMON groups Alarm, Event, History and Statistics only) RFC 3416 (SNMP Protocol Operations v2) HTML and telnet management Multiple Configuration Files SNMP v3 and RMON RFC support SSHv1/SSHv2 Secure Shell TACACS/TACACS+ Web UI

General protocols	<p>IEEE 802.1ad Q-in-Q  IEEE 802.1D MAC Bridges  IEEE 802.1p Priority  IEEE 802.1Q VLANs  IEEE 802.1s Multiple Spanning Trees  IEEE 802.1w Rapid Reconfiguration of Spanning Tree  IEEE 802.1X PAE  IEEE 802.3 Type 10BASE-T  IEEE 802.3ab 1000BASE-T  IEEE 802.3ad Link Aggregation Control Protocol (LACP)  IEEE 802.3ae 10-Gigabit Ethernet  IEEE 802.3af Power over Ethernet  IEEE 802.3i 10BASE-T  IEEE 802.3u 100BASE-X  IEEE 802.3x Flow Control  IEEE 802.3z 1000BASE-X  RFC 768 UDP  RFC 783 TFTP Protocol (revision 2)  RFC 791 IP  RFC 792 ICMP  RFC 793 TCP  RFC 826 ARP  RFC 854 TELNET  RFC 951 BOOTP  RFC 1213 Management Information Base for Network Management of TCP/IP-based internets  RFC 1305 NTPv3  RFC 1350 TFTP Protocol (revision 2)  RFC 1519 CIDR  RFC 1812 IPv4 Routing  RFC 1866 Hypertext Markup Language - 2.0  RFC 2131 DHCP  RFC 2236 IGMP Snooping  RFC 2616 HTTP Compatibility v1.1  RFC 2665 Definitions of Managed Objects for the Ethernet-like Interface Types  RFC 2668 Definitions of Managed Objects for IEEE 802.3 Medium Attachment Units (MAUs)  RFC 2865 Remote Authentication Dial In User Service (RADIUS)  RFC 2866 RADIUS Accounting  RFC 3414 User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3)  RFC 3415 View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP)  RFC 3418 Management Information Base (MIB) for the Simple Network Management Protocol (SNMP)  RFC 3576 Ext to RADIUS (CoA only)  RFC 4213 Basic IPv6 Transition Mechanisms  802.1r - GARP Proprietary Attribute Registration Protocol (GPRP)</p>
IPv6	<p>RFC 2461 IPv6 Neighbor Discovery  RFC 2463 ICMPv6  RFC 3162 RADIUS and IPv6  RFC 3306 Unicast-Prefix-based IPv6 Multicast Addresses  RFC 3315 DHCPv6 (client and relay)</p>
MIBs	<p>RFC 1212 Concise MIB Definitions  RFC 1213 MIB II  RFC 1493 Bridge MIB  RFC 1757 Remote Network Monitoring MIB  RFC 2096 IP Forwarding Table MIB  RFC 2233 Interface MIB  RFC 2571 SNMP Framework MIB  RFC 2572 SNMP-MPD MIB  RFC 2573 SNMP-Notification MIB  RFC 2573 SNMP-Target MIB  RFC 2574 SNMP USM MIB  RFC 2618 RADIUS Authentication Client MIB  RFC 2620 RADIUS Accounting Client MIB  RFC 2665 Ethernet-Like-MIB  RFC 2668 802.3 MAU MIB  RFC 2674 802.1p and IEEE 802.1Q Bridge MIB  RFC 2737 Entity MIB (Version 2)  RFC 2819 RMON MIB  RFC 2863 The Interfaces Group MIB  RFC 2925 Ping MIB  RFC 3414 SNMP-User based-SM MIB  RFC 3415 SNMP-View based-ACM MIB  RFC 3418 MIB for SNMPv3  RFC 3621 Power Ethernet MIB</p>

Network management	IEEE 802.1AB Link Layer Discovery Protocol (LLDP) RFC 2819 Four groups of RMON: 1 (statistics), 2 (history), 3 (alarm) and 9 (events) ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED) SNMPv1/v2c/v3
Security	IEEE 802.1X Port Based Network Access Control RFC 1492 TACACS+ RFC 2138 RADIUS Authentication RFC 2139 RADIUS Accounting RFC 2865 RADIUS (client only) RFC 2866 RADIUS Accounting Secure Sockets Layer (SSL) SSHv2 Secure Shell

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