

HPE Networking Instant On 1930 48G Class4 PoE 4SFP/SFP+ 370W Switch(JL686B#ACC)

HPE Networking Instant On 1930 48G Class4 PoE 4SFP/SFP+ 370W Switch - Switch - L3 - Managed - 48 x 10/100/1000 (PoE) + 4 x 1 Gigabit / 10 Gigabit SFP+ - rack-mountable - PoE (370 W)



The HPE Networking Instant On 1930 48G Class4 PoE 4SFP/SFP+ 370W Switch is a high-performance, rack-mountable network solution designed to meet the demands of modern businesses. With 48 PoE ports and 4 SFP+ ports, it offers extensive connectivity options for various devices, making it ideal for environments requiring high-speed networking and device power via Ethernet. This switch boasts a robust 176 Gbps switching capacity and supports up to 256 VLANs, ensuring efficient data traffic handling and network segmentation. Security is a priority, with features like Access Control Lists (ACLs), SSL encryption, and RADIUS authentication providing comprehensive protection for sensitive data. Additionally, its ENERGY STAR Ethernet and a generous 370 W PoE budget help minimize operational costs by optimizing power usage. Manageable via multiple protocols, including HTTP, HTTPS, SNMP, and RMON, it offers flexible and straightforward network management. Whether for a small business or a large enterprise, the HPE Networking Instant On 1930 switch is engineered to provide reliable, secure, and efficient network performance.

Key Selling Points

- 48 PoE ports and 4 SFP+ ports for versatile connectivity
- 176 Gbps switching capacity for high-speed data transmission
- Supports up to 256 VLANs for efficient network segmentation
- ENERGY STAR Ethernet and 370 W PoE budget for optimized power usage
- Advanced security with ACLs, SSL encryption, and RADIUS authentication

Product Features

- Enhanced connectivity**
With 48 PoE ports and 4 SFP+ ports, this switch offers extensive connectivity options for a variety of devices and high-speed networking, ensuring efficient operation and flexibility in deployment.
- Robust performance**
Boasting a switching capacity of 176 Gbps and support for up to 256 VLANs, the HPE Networking Instant On 1930 switch is designed to handle heavy data traffic, providing reliable and seamless network performance.
- Advanced security**
Equipped with Access Control Lists (ACLs), SSL encryption, and RADIUS authentication, this switch delivers robust security features to protect sensitive data and manage network access effectively.
- Energy efficient**
Featuring ENERGY STAR Ethernet and a PoE budget of 370 W, it optimizes power usage, reducing operational costs while supporting devices requiring power over Ethernet.
- Easy management**
Manageable via HTTP, HTTPS, SNMP, and RMON, this switch offers versatile management options for simplified network configuration, monitoring, and maintenance.

Main Specifications

Product Description	HPE Networking Instant On 1930 48G Class4 PoE 4SFP/SFP+ 370W Switch - switch - 52 ports - Managed - rack-mountable
Device Type	Switch - 52 ports - L3 - Managed
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 (PoE) + 4 x 1 Gigabit / 10 Gigabit SFP+
Power Over Ethernet (PoE)	PoE
PoE Budget	370 W
Performance	Switching capacity: 176 Gbps Throughput: 130.95 Mpps Latency (1 Gbps): 2.2 μs Latency (10 Gbps): 1.2 μs

Capacity	Link aggregation ports: 8 IPv4 routes (static): 32 VLANs supported: 256 Access Control Entries (ACEs) per ACL: 480 Packet buffer size: 1.5 MB
MAC Address Table Size	16000 entries
Jumbo Frame Support	9216 bytes
Routing Protocol	Static IP routing
Remote Management Protocol	SNMP 1, RMON, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, RADIUS
Features	Flow control, DHCP support, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, IPv6 support, half duplex mode, full duplex mode, STP support, MSTP support, ACL support, QoS, TPM, LLDP support, LACP, Energy Efficient Ethernet, CoS, BPDU Filter, PoE Class 4
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1ab (LLDP), IEEE 802.3at, IEEE 802.3az, IEEE 802.2af
Power	AC 100-127/200-240 V (50/60 Hz)
Dimensions (WxDxH)	44.25 cm x 32.26 cm x 4.39 cm
Weight	4.52 kg
Localisation	English / United Kingdom
Manufacturer Warranty	Limited lifetime warranty

Extended Specification

General

Device Type	Switch - 52 ports - L3 - Managed
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 (PoE) + 4 x 1 Gigabit / 10 Gigabit SFP+
Power Over Ethernet (PoE)	PoE
PoE Budget	370 W
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Jumbo Frame Support	9216 bytes
Routing Protocol	Static IP routing
Remote Management Protocol	SNMP 1, RMON, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, RADIUS
Encryption Algorithm	SSL
Authentication Method	RADIUS
Features	Flow control, DHCP support, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, IPv6 support, half duplex mode, full duplex mode, STP support, MSTP support, ACL support, QoS, TPM, LLDP support, LACP, Energy Efficient Ethernet, CoS, BPDU Filter, PoE Class 4
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Processor	1 x ARM: 800 MHz
RAM	512 MB SDRAM
Flash Memory	256 MB
Status Indicators	Port status, power, PoE

Expansion / Connectivity

Interfaces	48 x 10/100/1000 Base-T RJ-45 PoE - 370 W 4 x 1/10Gbit LAN SFP+
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Manufacturer Warranty

Service & Support	Limited warranty - lifetime
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Miscellaneous

MTBF	57 years
Compliant Standards	VCCI, CISPR 24, EN 61000-3-2, IEC 61000-3-2, IEC 61000-3-3, IEC 61000-4-11, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, EN 61000-3-3, UL 60950-1, IEC 60950-1, EN 60950-1, CSA C22.2 No. 60950-1, EN 60825-1, CNS 13438, EN 55024:2010, FCC CFR47 Part 15 A, ICES-003 issue 6 Class A, UL 62368-1 Second Edition, CISPR 32 Class A, EN 62368-1:2014, EN 55032:2015+AC:2016, CISPR 35, SSL, IEC 62368-1: 2014 Second Edition, EN 55035:2017
Localisation	English / United Kingdom

Power

Power Device	Internal power supply
Voltage Required	AC 100-127/200-240 V (50/60 Hz)
Power Consumption Operational	460 Watt

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	15 - 95% (40 °C)
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Humidity Range Storage	15 - 95% (60 °C)

Dimensions & Weight

Width	44.25 cm
Depth	32.26 cm
Height	4.39 cm
Weight	4.52 kg

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