

HPE Aruba Instant On 1930 8G 2SFP Switch

Switch - L3 - Managed - 8 x 10/100/1000 + 2 x Gigabit SFP - desktop

Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	JL680A#ABB
EAN/UPC	0190017355030



Description

Whether you own a cafe, a design firm or a tech startup, a reliable and secure network plays a critical role in the success of your business. And you need a network solution that gives you peace of mind, allowing you to focus on growing your business instead of managing problems with your network. Aruba Instant On makes it easy to keep network users happy, mobile and IoT devices connected, and your network secure.

The Aruba Instant On 1930 switches features advanced, smart-managed, fixed-configuration Gigabit switches designed for small businesses that are easy-to-deploy and affordable. They're made to handle today's bandwidth-heavy applications like voice and video conferencing, enabling consistent connectivity to enhance performance. Using either the Instant On mobile app or the cloud-based web portal, you can quickly set up, monitor and manage the 1930 switch series from anywhere at any time.

Built-in security features protect your network from unauthorized access by allowing you to segment traffic and define access to each area of the network. And all of this is included in the price of the hardware - there are no hidden subscription or licensing fees.

Main features

Product Description	HPE Aruba Instant On 1930 8G 2SFP Switch - switch - 10 ports - Managed
Device Type	Switch - 10 ports - L3 - Managed
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000 + 2 x Gigabit SFP
Performance	Switching capacity: 20 Gbps Throughput: 14.88 Mpps Latency (100 Mbps): 5.2 µs Latency (1 Gbps): 3 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	8000 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, Spanning Tree Protocol (STP) support, Multiple Spanning Tree Protocol (MSTP) support, Access Control List (ACL) support, Quality of Service (QoS), Trusted Platform Module (TPM), LLDP support, Link Aggregation Control Protocol (LACP), Energy Efficient Ethernet, Class of Service (CoS), BPDU Filter

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
Power	AC 120/230 V (50/60 Hz)
Dimensions (WxDxH)	25.4 cm x 15.95 cm x 4.39 cm
Weight	820 g
Localisation	English / Europe

Extended details

	General
Device Type	Switch - 10 ports - L3 - Managed
Enclosure Type	Desktop
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000 + 2 x Gigabit SFP
Performance	Switching capacity: 20 Gbps Throughput: 14.88 Mpps Latency (100 Mbps): 5.2 µs Latency (1 Gbps): 3 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	8000 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
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, Spanning Tree Protocol (STP) support, Multiple Spanning Tree Protocol (MSTP) support, Access Control List (ACL) support, Quality of Service (QoS), Trusted Platform Module (TPM), LLDP support, Link Aggregation Control Protocol (LACP), Energy Efficient Ethernet, Class of Service (CoS), BPDU Filter
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Processor	1 x ARM Cortex-A9: 800 MHz
RAM	512 MB SDRAM
Flash Memory	256 MB
Status Indicators	Port status, power
	Expansion / Connectivity
Interfaces	8 x 10/100/1000 Base-T RJ-45 2 x Gigabit LAN SFP
	Power
Power Device	External power adapter
Voltage Required	AC 120/230 V (50/60 Hz)

Power Consumption Operational	11 Watt
	Miscellaneous
MTBF	178 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 / Europe
	Dimensions & Weight
Width	25.4 cm
Depth	15.95 cm
Height	4.39 cm
Weight	820 g
	Manufacturer Warranty
Service & Support	Limited warranty - lifetime
	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)

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