

HPE Aruba Instant On 1930 24G Class4 PoE 4SFP/SFP+ 195W Switch

Switch - L3 - Managed - 24 x 10/100/1000 (PoE) + 4 x 1 Gigabit / 10 Gigabit SFP+ - rack-mountable - PoE (195 W)

Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	JL683B#ABB
EAN/UPC	0190017592893



Description

The Aruba Instant On 1930 switch series is designed for small and growing businesses that require enhanced performance to support bandwidth-demanding applications. The Aruba Instant On 1930 switch series seamlessly integrates with existing Instant On indoor/outdoor access points and can be centrally managed with the Instant On mobile app onsite or remotely.

Main features

Product Description	HPE Aruba Instant On 1930 24G Class4 PoE 4SFP/SFP+ 195W Switch - switch - 28 ports - Managed - rack-mountable
Device Type	Switch - 28 ports - L3 - Managed
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 (PoE) + 4 x 1 Gigabit / 10 Gigabit SFP+
Power Over Ethernet (PoE)	PoE
PoE Budget	195 W
Performance	Switching capacity: 128 Gbps Throughput: 95.23 Mpps Latency (1 Gbps): 2.4 μ s Latency (10 Gbps): 1.3 μ s
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, 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, 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 26.47 cm x 4.39 cm
Weight	3.49 kg
Localisation	English / Europe

Extended details

	General
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Enclosure Type	Rack-mountable 1U
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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, 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	24 x 10/100/1000 Base-T RJ-45 PoE - 195 W 4 x 1/10Gbit LAN SFP+
	Power
Power Device	Internal power supply
Voltage Required	AC 100-127/200-240 V (50/60 Hz)
Power Consumption Operational	234 Watt
	Miscellaneous
MTBF	76 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	44.25 cm
Depth	26.47 cm
Height	4.39 cm
Weight	3.49 kg
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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