HPE Aruba Instant On 1930 24G Class4 PoE 4SFP/SFP+ 370W Switch(JL684B#ACC)
HPE Aruba Instant On 1930 24G Class4 PoE 4SFP/SFP+ 370W Switch - Switch - L3 - Managed - 24 x 10/100/1000 (PoE) + 4 x 1 Gigabit / 10 Gigabit SFP+ - rack-mountable - PoE (370 W)

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.

Key Selling Points

Seven advanced smart managed Layer 2+ Gigabit switches for high-performance connectivity
Aruba Instant On mobile app and/or cloud-based web portal for easy network management onsite or remotely
Option to manage your switches through local web GUI

Product Features

Simplify network deployment and management for small organizations

The Aruba Instant On 1930 switch series features easy-to-use,out-of-the-box,plug-and-play deployment. The series offers a complete portfolio of choices for increased small business flexibility. The 24-port model includes four SFP/SFP+ transceiver slots that support Gigabit or 10-Gigabit speeds for fiber connectivity. The Aruba Instant On 1930 switch series can be deployed using two management modes - Instant On cloud-management (access via mobile app and/or web portal) and the local web GUI.

Keep your business protected with integrated security features

The Aruba Instant On 1930 switch series supports energy efficient Ethernet for lower power consumption and an enhanced feature set for more robust operation. Enhanced security features such as IEEE 802.1x,and VLANs guard your network from unwanted or unauthorized access. Automatic denial-of-service (DOS) monitors and protects the network against malicious attacks. Management security restricts access to critical configuration commands,offers multiple privilege levels with password protection.

Deliver high performance

The Aruba Instant On 1930 switch series delivers advanced functionalities including customizable like VLANs,link aggregation,Spanning Tree Protocols,and IEEE 802.1X access control. Class 4 PoE options allow to power devices like IP phones,surveillance cameras and access points,without the cost of additional cabling. The 24-port model includes 1G/10G SFP+ ports for reliable fiber connectivity and other connections across longer distances.

Main Specifications

Product Description	HPE Aruba Instant On 1930 24G Class4 PoE 4SFP/SFP+ 370W 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	370 W
Performance	Switching capacity: 128 Gbps ¦Throughput: 95.23 Mpps ¦Latency (1 Gbps): 2.4 µs ¦Latency (10 Gbps): 1.3 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	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 120 V (50/60 Hz)
Dimensions (WxDxH)	44.25 cm x 26.47 cm x 4.39 cm
Weight	3.67 kg
Localisation	English / United Kingdom
Manufacturer Warranty	Limited lifetime warranty

Extended Specification

General

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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 - 370 W 4 x 1/10Gbit LAN SFP+

Power

Power Device	Internal power supply
Voltage Required	AC 120 V (50/60 Hz)
Power Consumption Operational	439 Watt

Miscellaneous

MTBF	71 years
Compliant Standards	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,EN 55024:2010,CISPR 35,SSL,EN 55035:2017
Localisation	English / United Kingdom

Dimensions &Weight

Width	44.25 cm
Depth	26.47 cm
Height	4.39 cm
Weight	3.67 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)