

HPE Aruba Instant On 1930 48G 4SFP/SFP+ Switch(JL685A#ACC)
 Switch - L2+ - Managed - 48 x 10/100/1000 = x 1 Gigabit / 10 Gigabit SFP+ - rack-mountable

Advanced,smart-managed,fixed-configuration Gigabit switches designed for small businesses. Easy-to-deploy,secure and affordable. The first switches with Instant On "anywhere,anytime"configuration and management. Using the Instant On mobile app or the cloud-based web portal,quickly setup,monitor and manage the 1930 switch. Can also choose to manage the device through the local web GUI. This model has 48 10/100/1000 RJ-45 and 4 SFP 1/10GbE ports.



Main Specifications

Product Description	HPE Aruba Instant On 1930 48G 4SFP/SFP+ Switch - switch - 48 ports - Managed - rack-mountable
Device Type	Switch - 48 ports - L2+ - Managed
Enclosure Type	Rack-mountable 1U
Subtype	10 Gigabit Ethernet
Ports	48 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+
Performance	Throughput: 130.95 Mpps Switching capacity: 176 Gbps Latency (1 Gbps): 2.2 μs Latency (10 Gbps): 1.2 μs
Capacity	Routing table entries (static): 32
MAC Address Table Size	16K entries
Jumbo Frame Support	9216 bytes
Routing Protocol	IGMPv2,IGMP,static IPv4 routing,MSTP,RSTP,STP
Remote Management Protocol	SNMP,RMON,SNMP 3,SNMP 2c,HTTP,HTTPS,TFTP,SCP,DHCP,IPv4,IPv6
Features	Flow control,DHCP support,ARP support,trunking,VLAN support,auto-uplink (auto MDI/MDI-X),IGMP snooping,port mirroring,manageable,IPv6 support,half duplex mode,full duplex mode,Spanning Tree Protocol (STP) support,Rapid Spanning Tree Protocol (RSTP) support,Multiple Spanning Tree Protocol (MSTP) support,Access Control List (ACL) support,Quality of Service (QoS),Jumbo Frames support,Trusted Platform Module (TPM),IPv4 support,LACP support,LLDP support,Link Aggregation Control Protocol (LACP),Class of Service (CoS),SNMP support,1.5MB packet buffer,Bridge protocol data unit (BPDU),LLDP-MED,Energy-Efficient Ethernet (EEE)
Compliant Standards	IEEE 802.3,IEEE 802.3u,IEEE 802.3z,IEEE 802.1D,IEEE 802.1Q,IEEE 802.3ab,IEEE 802.1p,IEEE 802.3x,IEEE 802.3ad (LACP),IEEE 802.1w,IEEE 802.1x,IEEE 802.1s,IEEE 802.1ab (LLDP),IEEE 802.3az
Power	AC 120/230 V (50/60 Hz)
Dimensions (WxDxH)	44.25 cm x 28.24 cm x 4.39 cm
Weight	3.13 kg
Localisation	English / United Kingdom
Manufacturer Warranty	Limited lifetime warranty

Extended Specification

General

Device Type	Switch - 48 ports - L2+ - Managed
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Remote Management Protocol	SNMP,RMON,SNMP 3,SNMP 2c,HTTP,HTTPS,TFTP,SCP,DHCP,IPv4,IPv6
Encryption Algorithm	SSL
Authentication Method	RADIUS
Features	Flow control,DHCP support,ARP support,trunking,VLAN support,auto-uplink (auto MDI/MDI-X),IGMP snooping,port mirroring,manageable,IPv6 support,half duplex mode,full duplex mode,Spanning Tree Protocol (STP) support,Rapid Spanning Tree Protocol (RSTP) support,Multiple Spanning Tree Protocol (MSTP) support,Access Control List (ACL) support,Quality of Service (QoS),Jumbo Frames support,Trusted Platform Module (TPM),IPv4 support,LACP support,LLDP support,Link Aggregation Control Protocol (LACP),Class of Service (CoS),SNMP support,1.5MB packet buffer,Bridge protocol data unit (BPDU),LLDP-MED,Energy-Efficient Ethernet (EEE)
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Processor	1 x ARM Cortex-A9:800 MHz
RAM	512 MB
Flash Memory	256 MB

Expansion / Connectivity

Interfaces	48 x 1000Base-T RJ-45 4 x Gigabit / 10Gbit LAN SFP+
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Power

Power Device	Internal power supply
Voltage Required	AC 120/230 V (50/60 Hz)

Miscellaneous

MTBF	114 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,EN 60825-1,CNS 13438,EN 55024:2010,FCC CFR47 Part 15 A,ICES-003 issue 6 Class A,IEC 62368-1,UL 62368-1 Second Edition,CISPR 32 Class A,EN 62368-1:2014,CAN/CSA-C22.2 No. 60950-1,CISPR 35,EN 55035:2017,EN 55032:2015+AC:2016 Class A
Localisation	English / United Kingdom

Dimensions & Weight

Width	44.25 cm
Depth	28.24 cm
Height	4.39 cm

Weight	3.13 kg
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Manufacturer Warranty

Service & Support	Limited warranty - lifetime Technical support - phone consulting - 90 days
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Environmental Parameters

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

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