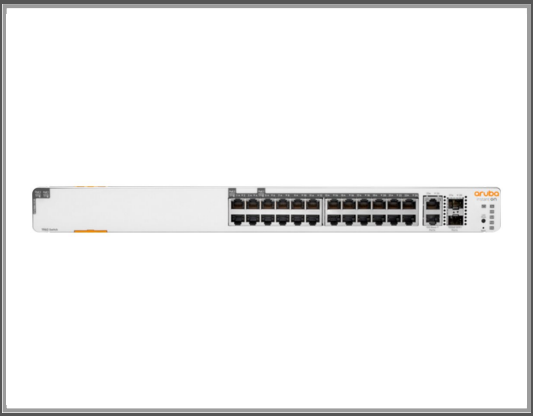
HPE Aruba Instant On 1960 24G 20p Class4 4p Class6 PoE 2XGT 2SFP+ 370W Switch

Switch - L3 Lite - Managed - 24 x 10/100/1000 + 2 x 10 Gigabit SFP+ + 2 x 100/1000/10GBase-T - rack-mountable - PoE (370 W)



Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	JL807A#ABB
EAN/UPC	0190017521589

Description

Aruba Instant On 1960 Switches are advanced, smart-managed, fixed configuration Gigabit stackable switches designed for small and growing businesses that are easy to deploy. These switches are designed to scale as business grows, making adding more employees, devices and applications simple. Aruba Instant On 1960 switches are made to handle today's bandwidth-heavy applications like voice and video conferencing, enabling consistent connectivity to improve user experience and application performance. These switches come with flexible management option: local web GUI or Instant On mobile app and cloud-based web portal.

Main features

Product Description	HPE Aruba Instant On 1960 24G 20p Class4 4p Class6 PoE 2XGT 2SFP+ 370W Switch - switch - 24 ports - Managed - rack-mountable
Device Type	Switch - 24 ports - L3 Lite - Managed - stackable
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 + 2 x 10 Gigabit SFP+ + 2 x 100/1000/10GBase-T
Power Over Ethernet (PoE)	PoE
PoE Budget	370 W
Performance	Throughput: 95 Mpps ¦ Switching capacity: 128 Gbps ¦ Latency (100 Mbps): 4.4 µs ¦ Latency (1 Gbps): 2.2 µs ¦ Latency (10 Gbps): 1.1 µs
Capacity	MAC address entries: 16000 ¦ IPv4 routes (static): 32 ¦ IPv6 routes (static): 32
MAC Address Table Size	16000 entries
Jumbo Frame Support	9216 bytes
Routing Protocol	Static IP routing
Remote Management Protocol	SNMP 1, SNMP 3, SNMP 2c, HTTP, HTTPS, RADIUS
Features	Flow control, DHCP support, auto-negotiation, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), port mirroring, IPv6 support, half duplex mode, full duplex mode, Spanning Tree Protocol (STP) support, Access Control List (ACL) support, Trusted Platform Module (TPM), Link Aggregation Control Protocol (LACP), Class of Service (CoS), Energy-Efficient Ethernet (EEE), BPDU Filter, auto voice VLAN, Media Endpoint Discovery (LLDP-MED)

Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3ad (LACP), IEEE 802.1s, IEEE 802.1ab (LLDP)
Power	AC 100-240 V (50/60 Hz)
Dimensions (WxDxH)	44.25 cm x 35.05 cm x 4.4 cm
Weight	4.7 kg
Localisation	English / Europe

Extended details

	General
Device Type	Switch - 24 ports - L3 Lite - Managed - stackable
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 + 2 x 10 Gigabit SFP+ + 2 x 100/1000/10GBase-T
Power Over Ethernet (PoE)	PoE
PoE Budget	370 W
Performance	Throughput: 95 Mpps ¦ Switching capacity: 128 Gbps ¦ Latency (100 Mbps): 4.4 µs ¦ Latency (1 Gbps): 2.2 µs ¦ Latency (10 Gbps): 1.1 µs
Capacity	MAC address entries: 16000 ¦ IPv4 routes (static): 32 ¦ IPv6 routes (static): 32
MAC Address Table Size	16000 entries
Jumbo Frame Support	9216 bytes
Routing Protocol	Static IP routing
Remote Management Protocol	SNMP 1, SNMP 3, SNMP 2c, HTTP, HTTPS, RADIUS
Authentication Method	RADIUS
Features	Flow control, DHCP support, auto-negotiation, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), port mirroring, IPv6 support, half duplex mode, full duplex mode, Spanning Tree Protocol (STP) support, Access Control List (ACL) support, Trusted Platform Module (TPM), Link Aggregation Control Protocol (LACP), Class of Service (CoS), Energy-Efficient Ethernet (EEE), BPDU Filter, auto voice VLAN, Media Endpoint Discovery (LLDP-MED)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3ad (LACP), IEEE 802.1s, IEEE 802.1ab (LLDP)
Processor	1 x ARM: 800 MHz
Status Indicators	Port status, power
	Expansion / Connectivity
Interfaces	24 x 10/100/1000 Base-T RJ-45 370 W ¦ 2 x 10 Gigabit Ethernet / 10 Gigabit Ethernet SFP+ SFP+ ¦ 2 x 10GBase-T RJ-45
	Power
Power Device	Internal power supply
Voltage Required	AC 100-240 V (50/60 Hz)
	Miscellaneous
MTBF	65.3 years

Compliant Standards	EN 61000-3-2, IEC 61000-3-2, IEC 61000-3-3, EN 61000-3-3, ICES-003 Class A, VCCI Class A, CNS 13438 Class A, KN35, IEC/EN 61000-4-3, IEC/EN 61000-4-4, IEC/EN 61000-4-5, IEC/EN 61000-4-6, IEC/EN 61000-4-8, AS/NZS CISPR 32 Class A, KN32 Class A, IEC/EN 61000-4-11, IEC/EN 61000-4-2, UL 62368-1 Second Edition, IEC/EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013, EN 55032:2015 Class A, CISPR 32:2015 Class A, UL 62368-1, EN 55035, CISPR 35, IEC/EN 60825-1:2014 Class 2, IEC/EN 62368-1, UL 62368-1 Third Edition, CAN/CSA C22.2 No. 62368-1 Third Edition, CAN/CSA C22.2 No. 62368-1 Second Edition, FCC CFR47 Part 15 B Class A 2018
Localisation	English / Europe
	Dimensions & Weight
Width	44.25 cm
Depth	35.05 cm
Height	4.4 cm
Weight	4.7 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

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