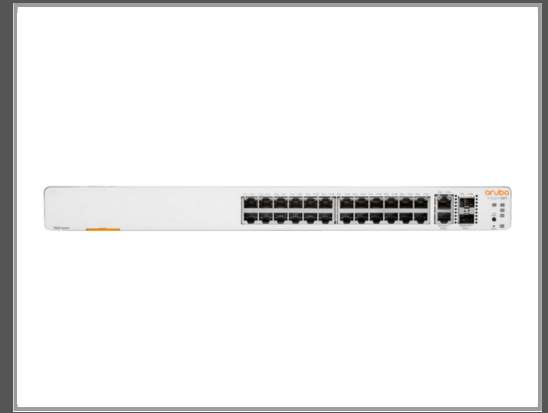


HPE Aruba Instant On 1960 24G 2XGT 2SFP+ Switch

Switch - Managed - 24 x 10/100/1000 + 2 x 10 Gigabit SFP+ + 2 x 100/1000/10GBase-T - rack-mountable - BTO

Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	JL806A#ABB
EAN/UPC	0190017520346



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 and affordable. 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.

Main features

Product Description	HPE Aruba Instant On 1960 24G 2XGT 2SFP+ Switch - switch - 24 ports - Managed - rack-mountable
Device Type	Switch - 24 ports - Managed
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
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), fanless, 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 4.395 cm

Weight	3.9 kg
Localisation	English / Europe
Pricing Type	BTO

Extended details

	General
Device Type	Switch - 24 ports - Managed
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
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), fanless, 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 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	123 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

Pricing Type	BTO
Localisation	English / Europe
Dimensions & Weight	
Width	44.25 cm
Depth	35.05 cm
Height	4.395 cm
Weight	3.9 kg
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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