

HPE Aruba Instant On 1830 8G Switch

Switch - smart - 8 x 10/100/1000 - desktop

Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	JL810A#ABB
EAN/UPC	0190017523545



Description

Aruba Instant On 1830 Switch Series provides an easy to use and affordable wired solution for networks supporting IT, mobile, and cloud applications. This affordable and easy-to-deploy smart-managed switch series is ideal for small businesses?looking for cost-effective wired infrastructure to keep up?with evolving network demands.?These entry-level, smart-managed switches?offer?Layer 2 switching capabilities,?Gigabit connectivity, along with flexible management modes - all at an affordable price point. With a flexible management dashboard, Power over Ethernet (PoE) options, and energy-efficient features, these switches deliver a solid business network for SMBs with limited budgets.

Main features

Product Description	HPE Aruba Instant On 1830 8G Switch - switch - 8 ports - smart
Device Type	Switch - 8 ports - smart
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000
Performance	Latency (100 Mbps): 5.2 μs Latency (1 Gbps): 2.8 μs Throughput: 11.9 Mpps Switching capacity: 16 Gbps
MAC Address Table Size	8000 entries
Jumbo Frame Support	9216 bytes
Routing Protocol	IGMPv2, IGMP
Remote Management Protocol	SNMP 1, SNMP 2c, HTTP, HTTPS, TFTP, SCP, ICMP
Features	Flow control, auto-sensing per device, auto-negotiation, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, port mirroring, firmware upgradable, SNTP support, wall mountable, Spanning Tree Protocol (STP) support, event log, Quality of Service (QoS), Trusted Platform Module (TPM), Cable Diagnostics Function, fanless, LLDP support, DHCP client, Class of Service (CoS), cloud managed, 1.5MB packet buffer, Secure Copy (SCP), Link Aggregation, dual image support, Denial of Service (DoS) protection, Energy-Efficient Ethernet (EEE), BPDU Filter, loop protection, Global Storm Control, Port Scheduling
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.3ac, IEEE 802.1ab (LLDP), IEEE 802.3az
Power	AC 100-240 V (50/60 Hz)
Dimensions (WxDxH)	17.3 cm x 15.7 cm x 3.91 cm
Weight	770 g
Localisation	English / Europe

Extended details

	General
Device Type	Switch - 8 ports - smart
Enclosure Type	Desktop
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000
Performance	Latency (100 Mbps): 5.2 µs Latency (1 Gbps): 2.8 µs Throughput: 11.9 Mpps Switching capacity: 16 Gbps
MAC Address Table Size	8000 entries
Jumbo Frame Support	9216 bytes
Routing Protocol	IGMPv2, IGMP
Remote Management Protocol	SNMP 1, SNMP 2c, HTTP, HTTPS, TFTP, SCP, ICMP
Encryption Algorithm	SSL
Features	Flow control, auto-sensing per device, auto-negotiation, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, port mirroring, firmware upgradable, SNTP support, wall mountable, Spanning Tree Protocol (STP) support, event log, Quality of Service (QoS), Trusted Platform Module (TPM), Cable Diagnostics Function, fanless, LLDP support, DHCP client, Class of Service (CoS), cloud managed, 1.5MB packet buffer, Secure Copy (SCP), Link Aggregation, dual image support, Denial of Service (DoS) protection, Energy-Efficient Ethernet (EEE), BPDU Filter, loop protection, Global Storm Control, Port Scheduling
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Processor	1 x ARM: 800 MHz
RAM	512 MB SDRAM
Flash Memory	256 MB
Status Indicators	Port status, port duplex mode, link/activity, speed
	Expansion / Connectivity
Interfaces	7 x 1000Base-T RJ-45 1 x 1000Base-T RJ-45 PoE input
	Power
Power Device	External power adapter
Voltage Required	AC 100-240 V (50/60 Hz)
Power Consumption Operational	8.09 Watt
	Miscellaneous
MTBF	188.2 years
Compliant Standards	IEC 61000-3-2, IEC 61000-3-3, EN 61000-3-3, ICES-003 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, EN 55032:2015, UL 62368-1 Second Edition, IEC/EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013, IEC/EN 60825-1:2014 Class 1, CISPR 32 Class A, EN 55035, CISPR 35, IEC 62368-1 Second Edition, CAN/CSA-C22.2 No. 62368-1 Third Edition, UL 62368-1 Third Edition, IEC 62368-1 Third Edition, CAN/CSA C22.2 No. 62368-1 Second Edition, FCC CFR47 Part 15 B Class A 2018

Dimensions & Weight	
Width	17.3 cm
Depth	15.7 cm
Height	3.91 cm
Weight	770 g
Manufacturer Warranty	
Service & Support	Limited warranty - lifetime Technical support - live chat - lifetime Technical support - phone consulting - 90 days from date of purchase
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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