

HPE Aruba Instant On 1830 24G 2SFP Switch

Switch - smart - 24 x 10/100/1000 + 2 x Gigabit SFP - desktop - rack-mountable

Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	JL812A#ABB
EAN/UPC	0190017518893



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 24G 2SFP Switch - switch - 24 ports - smart - rack-mountable
Device Type	Switch - 24 ports - smart
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 + 2 x Gigabit SFP
Performance	Latency (100 Mbps): 5.2 µs Latency (1 Gbps): 2.8 µs Throughput: 38.68 Mpps Switching capacity: 52 Gbps
MAC Address Table Size	16000 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)	44.3 cm x 21.59 cm x 4.39 cm
Weight	2.49 kg

Extended details

	General
Device Type	Switch - 24 ports - smart
Enclosure Type	Desktop, rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 + 2 x Gigabit SFP
Performance	Latency (100 Mbps): 5.2 µs Latency (1 Gbps): 2.8 µs Throughput: 38.68 Mpps Switching capacity: 52 Gbps
MAC Address Table Size	16000 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
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
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	24 x 1000Base-T RJ-45 2 x Gigabit LAN SFP
	Power
Power Device	Internal power supply
Voltage Required	AC 100-240 V (50/60 Hz)
Power Consumption Operational	19.1 Watt
	Miscellaneous
MTBF	203.6 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	44.3 cm
Depth	21.59 cm
Height	4.39 cm
Weight	2.49 kg

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)

Technical data © 1WorldSync. Subject to technical modifications and errors.