

HPE Aruba Networking Aruba Instant On 1930

Artikel	118313
Herstellernummer	JL681A#ABB
EAN	0190017355238
HPE	



The Aruba Instant On 1930 switch series is designed for small and growing businesses that require enhanced performance to support bandwidth-demanding applications. The Aruba Instant On 1930 switch series seamlessly integrates with existing Instant On indoor/outdoor access points and can be centrally managed with the Instant On mobile app onsite or remotely. These cloud-managed layer 2+ Ethernet switches consist of 8-, 24-, and 48-port Class 4 PoE (i.e. PoE+) and non-PoE Gigabit Ethernet models, with 1G SFP slots on 8-port model and 1G/10G SFP+ slots on 24-/48G models for fiber connectivity.

Features

Simplify Network Deployment and Management for Small Organizations

- The Aruba Instant On 1930 switch series features easy-to-use, out-of-the-box, plug-and-play deployment.
- The series offers a complete portfolio of choices for increased small business flexibility. It consists of seven models including 8G-, 24G-, and 48G-ports with and without class 4 PoE (i.e. PoE+).
- The 24- and 48- port models include four SFP/SFP+ transceiver slots that support Gigabit or 10-Gigabit speeds for fiber connectivity.
- The Aruba Instant On 1930 switch series can be deployed using two management modes – Instant On cloud-management (access via mobile app and/or web portal) and the local web GUI.

Keep Your Business Protected with Integrated Security Features

- The Aruba Instant On 1930 switch series supports energy efficient Ethernet for lower power consumption and an enhanced feature set for more robust operation.
- Enhanced security features such as IEEE 802.1x, and VLANs guard your network from unwanted or unauthorized access.
- Automatic denial-of-service (DOS) monitors and protects the network against malicious attacks.
- Management security restricts access to critical configuration commands, offers multiple privilege levels with password protection.

Deliver High Performance

- The Aruba Instant On 1930 switch series delivers advanced functionalities including customizable like VLANs, link aggregation, Spanning Tree Protocols, and IEEE 802.1X access control.
- 8-, 24-, and 48-port configurations with a choice of non-PoE and Class 4 PoE models provides deployment flexibility that fits all small business environment. Class4 PoE options allow to power devices like IP phones, surveillance cameras and access points, without the cost of additional cabling.
- The 24- and 48-port models include 1G/10G SFP+ ports for reliable fiber connectivity and other connections across longer distances.
- The switch series is covered by the Limited Lifetime Warranty with 24x7 phone support for 90 days and chat support for the entire warranty duration.

Zusammenfassung

The Aruba Instant On 1930 switch series is designed for small and growing businesses that require enhanced performance to support bandwidth-demanding applications. The Aruba Instant On 1930 switch series seamlessly integrates with existing Instant On indoor/outdoor access points and can be centrally managed with the Instant On mobile app onsite or remotely. These cloud-managed layer 2+ Ethernet switches consist of 8-, 24-, and 48-port Class 4 PoE (i.e. PoE+) and non-PoE Gigabit Ethernet models, with 1G SFP slots on 8-port model and 1G/10G SFP+ slots on 24-/48G models for fiber connectivity.

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HPE Aruba Networking Aruba Instant On 1930, Managed, L2+, Gigabit Ethernet (10/100/1000), Power over Ethernet (PoE), Rack mounting, 1U

HPE Aruba Networking Aruba Instant On 1930. Switch type: Managed, Switch layer: L2+. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 8. Full duplex. MAC address table: 8000 entries, Switching capacity: 20 Gbit/s. Networking standards: IEEE 802.1Q, IEEE 802.1p, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x. Power over Ethernet (PoE). Rack mounting, Form factor: 1U

Merkmale

		Operational conditions	
Logistics data		Operating temperature (T-T)	0 - 40 °C
Harmonized System (HS) code	85176990	Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	15 - 95%
		Storage relative humidity (H-H)	15 - 95%
Power over Ethernet (PoE)		Weight & dimensions	
Power over Ethernet (PoE)	Yes	Width	254 mm
Total Power over Ethernet (PoE) budget	124 W	Depth	254 mm
		Height	43.9 mm
		Weight	1.16 kg
Security		Performance	
IGMP snooping	Yes	Processor model	ARM Cortex-A9
SSH/SSL support	Yes	Processor frequency	800 MHz

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	8
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
Combo SFP ports quantity	2

Design

Rack mounting	Yes
Stackable	No
Form factor	1U
Product colour	White

Management features

Switch type	Managed
Switch layer	L2+
Quality of Service (QoS) support	Yes
Web-based management	Yes

Memory type	SDRAM
Internal memory	512 MB
Flash memory	256 MB

Power

Power source	AC
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	150.2 W

Data transmission

Switching capacity	20 Gbit/s
Throughput	14.8 Mpps
MAC address table	8000 entries
Latency (10-100 Mbps)	5.2 µs
Latency (1 Gbps)	3 µs
Jumbo frames support	Yes
Packet buffer memory	1.5 MB

Network

Networking standards	IEEE 802.1Q, IEEE 802.1p, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x
10G support	No
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T
Port mirroring	Yes
Full duplex	Yes
Flow control support	Yes
Link aggregation	Yes
Rate limiting	Yes
Auto MDI/MDI-X	Yes
Spanning tree protocol	Yes
Auto-sensing	Yes
VLAN support	Yes
Number of VLANs	256

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.