

HPE Aruba Networking Networking Instant On Switch 24p Gigabit CL4 PoE 2p SFP 195W 1830

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HPE	



HPE Networking Instant On Switch 1830 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.

What is new supporting point:

Option to manage your switches through local web GUI.

HPE Networking Instant On mobile app and/or cloud-based web portal for easy network management onsite or remotely.

Two and four dedicated 1G SFP fiber ports on 24- and 48-port models respectively to eliminate traffic bottlenecks across your network.

Smart-managed Layer 2 Ethernet switch series ready to deploy in 8, 24-, and 48-port for non-PoE and PoE models.

Compact and fan-less 8-port PoE/ non-PoE models and 24-port non-PoE model for acoustically sensitive environments.

Cost-effective PoE support: With half of the ports capable of supporting PoE, these switches are ideal for the most cost-efficient environments.

Zusammenfassung

HPE Networking Instant On Switch 1830 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.

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HPE Aruba Networking Networking Instant On Switch 24p Gigabit CL4 PoE 2p SFP 195W 1830, Managed, L2, Gigabit Ethernet (10/100/1000), Power over Ethernet (PoE), Rack mounting, 1U

HPE Aruba Networking Networking Instant On Switch 24p Gigabit CL4 PoE 2p SFP 195W 1830. 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: 24. Full duplex. MAC address table: 16000 entries, Switching capacity: 52 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p, IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE.... Power over Ethernet (PoE). Rack mounting, Form factor: 1U

Merkmale

Logistics data

Harmonized System (HS) code	85176990
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Design

Rack mounting	Yes
Form factor	1U

Power over Ethernet (PoE)

Power over Ethernet (PoE)	Yes
Total Power over Ethernet (PoE) budget	195 W

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity	24
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
SFP module slots quantity	2

Security

DHCP features	DHCP client
IGMP snooping	Yes
SSH/SSL support	Yes

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-15 - 95% H)	
Storage relative humidity (H-15 - 95% H)	

Power

Power source	AC
Power supply included	Yes
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Weight & dimensions

Width	443 mm
Depth	253 mm
Height	43.9 mm
Weight	3.47 kg

Management features

Switch type	Managed
Switch layer	L2
Quality of Service (QoS) support	Yes
Web-based management	Yes
Cloud-managed	Yes
System event log	Yes

Performance

Built-in processor	Yes
Processor model	ARM Cortex-A9
Processor frequency	800 MHz
Memory type	RDRAM
Internal memory	512 MB
Flash memory	256 MB

Data transmission

Switching capacity	52 Gbit/s
Throughput	38.68 Mpps
MAC address table	16000 entries
Latency (10-100 Mbps)	5.2 µs
Latency (1 Gbps)	2.8 µs
Jumbo frames support	Yes
Jumbo frames	9216
Packet buffer memory	1.5 MB

Network

Networking standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1p,
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	IEEE 802.1w, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ac, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
10G support	No
Port mirroring	Yes
Full duplex	Yes
Flow control support	Yes
Link aggregation	Yes
Auto MDI/MDI-X	Yes
Spanning tree protocol	Yes
Auto-sensing	Yes
VLAN support	Yes

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