

Overview

The Aruba JL430A Switch provides performance and resiliency for enterprises, SMBs, and branch office networks. With HPE Smart Rate multi-gigabit ports for high-speed 802.11ac devices, this advanced Layer 3 switch delivers a better application experience with low latency, virtualization with resilient stacking technology, and line rate 40GbE for plenty of back haul capacity.

Quick Specs

Figure 1 shows the appearance of JL430A.



Table 1 shows the Quick Specs.

SKU	JL430A
Product Type	Layer 3 Switch
Expansion Slot Type	SFP+
Number of SFP+ Slots	24
Ethernet Technology	10 Gigabit Ethernet
Media Type Supported	Optical Fiber
Compatible Rack Unit	1U
Stack Port	Yes
Uplink Port	Yes

Product Details

Figure 2 shows the front panel of JL430A.



Figure 3 shows the back panel of JL430A.



Aruba JL430A provides these benefits:

(1) 802.11ac-ready Wired Network

Multi-gigabit Ethernet with PoE+ for high speed 802.11ac APs using existing cabling.

(2) Power and Performance

ProVision ASIC delivers more scalability, low latency and wire speed 40GbE.

(3) Software-defined Networking

The Aruba 3810 with industry standard OpenFlow, is ready for SDN applications such as HPE Network Visualizer, Optimizer, and Protector.

Compare to Similar Items

Table 2 shows the comparison.

Product Name	JL430A	JL429A
Compatible Rack Unit	1U	1U
Ports	48 x 10/100/1000	24 x 10/100/1000
Subtype	Gigabit Ethernet	Gigabit Ethernet
Stack Port	Yes	Yes
Uplink Port	Yes	Yes

Get More Information

Do you have any question about the JL430A?

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Specification

JL430A Specification

General

Device Type	Switch - 24 ports - managed
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000
Performance	Routing/switching capacity: 160 Gbps Switching fabric bandwidth: 169 Gbps Latency (1 Gbps): 2.8 μ s Latency (10 Gbps): 1.8 μ s Throughput (64-byte packet size): 95.2 Mpps
Capacity	Routing tables: 10000
MAC Address Table Size	64K entries
Routing Protocol	OSPF, BGP-4, RIP-1, RIP-2, BGP, OSPFv2, OSPFv3
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, SNMP 3, SNMP 2c, SSH-2, XRMON
Encryption Algorithm	SSL
Authentication Method	RADIUS, TACACS+
Features	Flow control, full duplex capability, DHCP support, BOOTP support, VLAN support, Syslog support, DiffServ support, sFlow, Multiple Spanning Tree Protocol (MSTP) support, Quality of Service (QoS), Jumbo Frames support, LLDP support, Link Aggregation Control Protocol (LACP)
Compliant Standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1s, IEEE 802.1ad, IEEE 802.1v, IEEE 802.1AX

Expansion / Connectivity

Interfaces	24 x 1000Base-T RJ-45 1 x network stack device ;1 x console RJ-45; 1 x management (LAN) RJ-45 ;1 x micro-USB
Expansion Slots	1 (total) / 1 (free) x expansion slot

Power

Power Device	Internal power supply - hot-plug
Installed Qty	1 (installed) / 2 (max)
Power Redundancy	Yes
Power Redundancy Scheme	1+1 (with optional power supply)
Power Provided	250 Watt
Voltage Required	DC 12 V

Miscellaneous

Compliant Standards	FCC Class A certified, CISPR 22 Class A, EN 60950, EN55022, IEC 61000-4-11, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-8, IEC 60950, UL 60950, UL 60950-1, EN 60825, CAN/CSA C22.2 No. 60950-1, EN 61000-3-3:2008, CAN/CSA C22.2 No. 60950, EN 61000-3-2:2006+A1:2009+A2:2009, VCCI Class A, EN55022:2010, EN55024:2010, EN 60950-1:2006+A11:2009+A1:2010+A12:2011+AC:2013
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Dimensions

Width	17.4 in
Depth	17 in

Height	1.7 in
Environmental Parameters	
Min Operating Temperature	32 °F
Max Operating Temperature	113 °F
Humidity Range Operating	15 - 95% (non-condensing)
Min Storage Temperature	-40 °F
Max Storage Temperature	158 °F
Humidity Range Storage	15 - 90% (non-condensing)

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