

JL682A Datasheet

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Overview

JL682A is an Aruba Instant On 1930 24G 4SFP/SFP+ switch. Aruba Instant On 1930 switches features advanced, smart-managed, fixed configuration Gigabit switches designed for small businesses that are easy-to-deploy and affordable. They're made to handle today's bandwidth-heavy applications like voice and video conferencing, enabling consistent connectivity to enhance performance.

Quick Spec

Figure 1 shows the appearance of JL682A.



Table 1 shows the quick spec.

Model	JL682A
I/O ports and slots	24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only 4 SFP+ 1/10GbE ports
Dimension	17.42(w) x 8.72(d) x 1.73(h) in (44.25 x 22.15 x 4.39 cm) (1U height)
Processor and memory	ARM Cortex-A9 @ 800 MHz, 512 MB SDRAM, 256 MB flash; packet buffer: 1.5 MB
Throughput (Mpps)	95.23 Mpps
Switching capacity	128 Gbps

Product Details

Aruba Instant On 1930 switches provide these key features:

- (1) Smart-managed layer 2+ Ethernet switch series ready to deploy in 8-, 24- and 48-port for non-PoE and Class 4 PoE (i.e. PoE+) models
- (2) PoE to power APs and IoT devices like IP phones, surveillance cameras and door locks
- (3) Two dedicated 1G SFP fiber ports on 8-port models, and four dedicated 1G/10G SFP+ fiber ports on 24-/48-port models to eliminate traffic bottlenecks across your network
- (4) Security controls let you define access in each area of your network, keeping your business data safe
- (5) Convenient mobile app and web-based GUI for set up, management and troubleshooting

Supported Transceivers

Table 2 shows the recommended transceivers.

Model	Description
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J4858D	Aruba 1G SFP LC SX 500m MMF XCVR (5 Units)
J4859D	Aruba 1G SFP LC LX 10km SMF Transceivers (5 Units)
J8177D	Aruba 1G SFP RJ45 T 100m Cat5e XCVR (5 Units)
J9150D	Aruba 10G SFP+ LC SR 300m MMF XCVR:Aruba Aruba Campus Transceivers
J9281D	Aruba 10G SFP+ to SFP+ 1m DAC Cable
J9283D	Aruba 10G SFP+ to SFP+ 3m DAC Cable

Compare to Similar Items

Table 3 shows the comparison.

Model	Description	Gig Ports	Uplink Ports	Class 4 PoE
JL680A	Aruba Instant On 1930 8G 2SFP Switch	8	2 SFP	–
JL681A	Aruba Instant On 1930 8G Class4 PoE 2SFP 124W Switch	8	2 SFP	124W
JL682A	Aruba Instant On 1930 24G 4SFP/SFP+ Switch	24	4 SFP/SFP+	–
JL683A	Aruba Instant On 1930 24G Class4 PoE 4SFP/SFP+ 195W Switch	24	4 SFP/SFP+	195W
JL684A	Aruba Instant On 1930 24G Class4 PoE 4SFP/SFP+ 370W Switch	24	4 SFP/SFP+	370W
JL685A	Aruba Instant On 1930 48G 4SFP/SFP+ Switch	48	4 SFP/SFP+	–
JL686A	Aruba Instant On 1930 48G Class4 PoE 4SFP/SFP+ 370W Switch	48	4 SFP/SFP+	370W

Get More Information

Do you have any question about the JL682A?

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Specification

JL682A Specification	
I/O ports and slots	24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASETX, IEEE 802.3ab Type 1000BASE-T); Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only 4 SFP+ 1/10GbE ports
Dimension	17.42(w) x 8.72(d) x 1.73(h) in (44.25 x 22.15 x 4.39 cm) (1U height)
Processor and memory	ARM Cortex-A9 @ 800 MHz, 512 MB SDRAM, 256 MB flash; packet buffer: 1.5 MB
Throughput (Mpps)	95.23 Mpps
Switching capacity	128 Gbps
Operating temperature	32°F to 104°F (0°C to 40°C)
Operating relative humidity	15% to 95% @ 104°F (40°C)

Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
Nonoperating/Storage relative humidity	15% to 95% @ 140°F (60°C)
Altitude	up to 10,000 ft (3 km)
Idle power	9.3 W
PoE	Not support
Power Supply	Internal power supply

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