

Overview

Aruba 2530 Series Fast Ethernet devices are fully managed Layer 2 edge switches delivering cost effective, reliable, and secure connectivity for business networks. This J9779A has 24 x 10/100 PoE+ ports with a power budget of 195W. Additionally the switch has two 10/100/1000 ports and two dedicated Gigabit SFP ports. Designed for entry level to midsize enterprise networks, these switches deliver full Layer 2 capabilities with enhanced access security, traffic prioritization, and IPv6 host support.

Quick Spec

Figure 1 shows the appearance of Aruba J9779A.

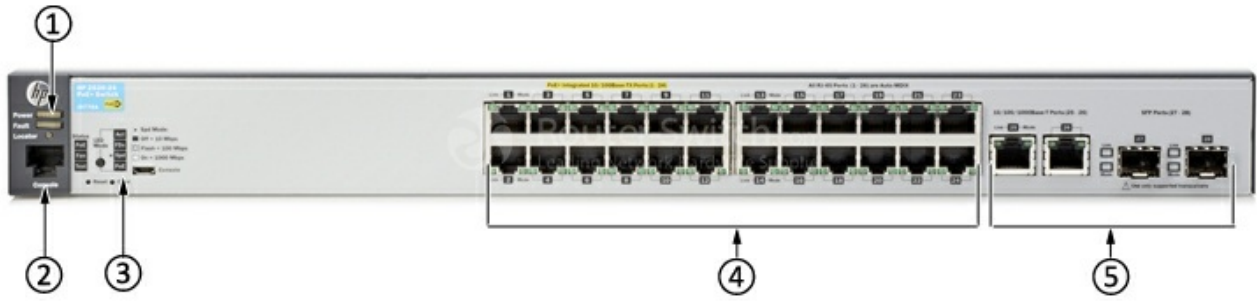


Table 1 shows the quick spec.

Product Code	J9779A
Type	Aruba 2530-24-PoE+ Switch
Ports	<ul style="list-style-type: none"> · 24 RJ-45 autosensing 10/100 PoE+ ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3at PoE+); Media Type: Auto-MDIX; Duplex: half or full · 2 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 · 2 fixed Gigabit Ethernet SFP ports · 1 dual-personality (RJ-45 or USB micro-B) serial console port.
PoE power	195W
Throughput	Up to 9.5 Mp/s (64-byte packets)
Switching capacity	12.8 Gb/s
Dimensions (W x D x H)	44.2 x 32.26 x 4.45 cm (17.4 x 12.7 x 1.75 in) (1U height)
Weight	3.81 kg (8.4 lb)

Product Details

Figure 2 shows the front panel of Aruba J9779A.



Note:

(1)	Power, Fault, and Locator LEDs
(2)	Console Port
(3)	LED Mode select button and indicator LEDs
(4)	24 x RJ-45 autosensing 10/100 PoE+ ports
(5)	Dual-personality ports (10/100/1000BASE-T or SFP)

Figure 3 shows the back panel of Aruba J9779A.



Note:

(1)	AC power connector
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Compare to Similar Items

Table 2 shows the comparison.

Product Code	J9779A	J9780A	J9781A	J9782A
Type	Aruba 2530-24-PoE+ Switch	Aruba 2530-8-PoE+ Switch	Aruba 2530-48 Switch	Aruba 2530-24 Switch
PoE power	195W	67 W	N/A	N/A
Throughput	Up to 9.5 Mp/s (64-byte packets)	Up to 4.1 Mp/s (64-byte packets)	up to 13 million pps (64-byte packets)	up to 9.5 million pps (64-byte packets)

Switching capacity	12.8 Gb/s	5.6 Gb/s	17.6 Gb/s	12.8 Gb/s
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Get more information

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Specification

J9779A Specifications	
Type	Aruba 2530-24-PoE+ Switch
System specifications	
Ports	<ul style="list-style-type: none"> · 24 RJ-45 autosensing 10/100 PoE+ ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3at PoE+); Media Type: Auto-MDIX; Duplex: half or full · 2 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 · 2 fixed Gigabit Ethernet SFP ports · 1 dual-personality (RJ-45 or USB micro-B) serial console port.
Memory and processor	Processor: ARM9E @ 800 MHz, 128 MB flash, 256 MB DDR3 DIMM; packet buffer size: 1.5 MB dynamically allocated.
Mounting	Mounts in an EIA-standard 19-inch telco rack or equipment cabinet (rack-mounting kit available); horizontal surface mounting; wall mounting.
Management	IMC - Intelligent Management Center; command-line interface; Web browser; configuration menu; out-of-band management (serial RS-232C or Micro USB);IEEE 802.3 Ethernet MIB; Repeater MIB; Ethernet Interface MIB.
Performance (IPv6 Ready Certified)	
1000 Mb latency	< 1.1µs (LIFO 64-byte packets)
100 Mb Latency	< 1.7 µs (LIFO 64-byte packets)
Throughput	Up to 9.5 Mp/s (64-byte packets)
Switching capacity	12.8 Gb/s
MAC address table size	16000 entries
Physical specifications	
Dimensions (W x D x H)	44.2 x 32.26 x 4.45 cm (17.4 x 12.7 x 1.75 in) (1U height)
Weight	3.81 kg (8.4 lb)
Electrical specifications	
Maximum heat dissipation	99 BTU/hr (104.45 kJ/hr), (switch only: 99 BTU/hr; combined switch + max. PoE devices: 809 BTU/hr).
Voltage	100 - 127 / 200 - 240 V ac
Current	2.8/1.4 A
Idle power	21.8 W

Maximum power rating	237 W
PoE power	195 W
Frequency	50/60 Hz
Environmental specifications	
Operating temperature	0° to 45°C (32° to 113°F)
Operating relative humidity	15% to 95% @ 40°C (104°F), noncondensing
Non-operating/storage temperature	-40° to 70°C (-40° to 158°F)
Non-operating/storage relative humidity	15% to 90% @ 65°C (149°F), noncondensing
Altitude	Up to 3 km (10,000 ft)
Acoustic	Power: 31.7 dB, Pressure: 40.4 dB
Safety agency certifications	
Safety	UL 60950-1; CAN/CSA 22.2 No. 60950-1; EN 60825; IEC 60950-1; EN 60950-1

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Support and Resources

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 [ArubaOS-Switch and ArubaOS-CX Transceiver Guide](#)

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