J9780A Datasheet

Get a Quote

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 model has 8 x 10/100 PoE+ ports with a power budget of 67W. An external power adapter is used. Additionally the switch has two 10/100/1000 ports dual personality together with two 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.

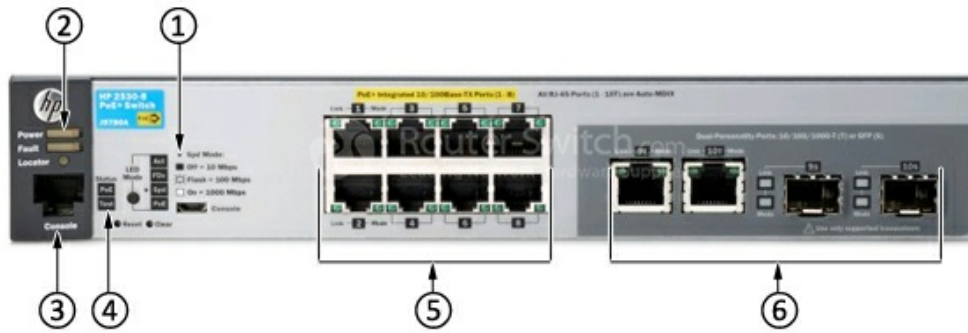## Quick Spec

Figure 1 shows the appearance of Aruba J9780A.

Table 1 shows the quick spec.

Product Code	J9780A
Type	Aruba 2530-8-PoE+ Switch
Ports	· 8 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 dual-personality ports; each port can be used as either an RJ-45 10/100/1000 port (IEEE 802.3 Type 10Base-T; IEEE 802.3u Type 100Base-Tx; IEEE 802.3ab 1000Base-T Gigabit Ethernet) or as a SFP slot (for use with SFP transceivers) ports. · 1 dual-personality (RJ-45 or USB micro-B) serial console port.
PoE power	67 W
Throughput	Up to 4.1 Mp/s (64-byte packets)
Switching capacity	5.6 Gb/s
Dimensions (W x D x H)	25.4 x 15.95 x 4.45 cm (10 x 6.28 x 1.75 in) (1U height)
Weight	2.0 lb (0.91 kg)

Product Details

Figure 2 shows the front panel of Aruba J9780A.

Note:

(1)	LED Mode select button and indicator LEDs
(2)	Power, Fault, and Locator LEDs
(3)	Console Port
(4)	8 × 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 J9780A.

Note:

(1)	DC power connector

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

Get more information

Do you have any question about the J9780A?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

J9780A Specifications	
Type	Aruba 2530-8-PoE+ Switch
System specifications	
Ports	· 8 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 dual-personality ports; each port can be used as either an RJ-45 10/100/1000 port (IEEE 802.3 Type 10Base-T; IEEE 802.3u Type 100Base-Tx; IEEE 802.3ab 1000Base-T Gigabit Ethernet) or as a SFP slot (for use with SFP transceivers) 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	< 2.3µs (LIFO 64-byte packets)
100 Mb Latency	< 1.3 µs (LIFO 64-byte packets)
Throughput	Up to 4.1 Mp/s (64-byte packets)
Switching capacity	5.6 Gb/s
MAC address table size	16000 entries
Physical specifications	
Dimensions (W x D x H)	25.4 x 15.95 x 4.45 cm (10 x 6.28 x 1.75 in) (1U height)
Weight	2.0 lb (0.91 kg)
Electrical specifications	
Maximum heat dissipation	29 BTU/hr (30.6 kJ/hr), (switch only: 29 BTU/hr; combined switch + max. PoE devices: 262 TU/hr).
Voltage	100 - 127 / 200 - 240 V ac
Current	1.4 A
Idle power	5.8 W

Maximum power rating	76.7 W
PoE power	67 W
Frequency	50/60 Hz

NOTE: 1: Idle power is the actual power consumption of the device with no ports connected.
2: Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. PoE power is the total power budget available to all PoE ports.

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: 0 dB, Pressure: 0 dB

Safety agency certifications	
Safety	UL 60950-1; CAN/CSA 22.2 No. 60950-1; EN 60825; IEC 60950-1; EN 60950-1

NOTE: IEEE 802.3az applies to Gigabit models only; IEEE 802.3at and IEEE 802.3af apply to PoE+ models only. When using SFPs with this product, SFPs with revision "B" or later (product number ends with the letter "B" or later, e.g., J4858B, J4859C) are required.

Download Resource

Support and Resources

📄 **Aruba 2530 Switch Series Data Sheet**

📄 **ArubaOS-Switch and ArubaOS-CX Transceiver Guide**

Want to Buy

Order Now   Get a Quote

Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of Cisco, Huawei, HPE, Dell, Hikvision, Juniper, Fortinet, etc.

200+	18,000+	$20,000,000	50%–98%	100%

Contact Us

● Tel: +1-626-239-8066 (USA) +852-3050-1066 / +852-3174-6166

● Fax: +852-3050-1066 (Hong Kong)

● Email: sales@router-switch.com