

## Overview

JW678A is the Aruba 7010 (RW) 16p 150W PoE+ 10/100/1000BASE-T 1G BASE-X SFP 32 AP and 2K Clients Controller. Aruba 7000 Series Mobility Controllers optimize cloud services and secure enterprise applications for hybrid WAN at branch offices, while reducing the cost and complexity of deploying and managing the network.

### Quick Spec

Table 1 shows the quick spec.

<b>SKU</b>	JW678A
<b>Product Model</b>	Aruba 7010 (RW) 16p 150W PoE+ 10/100/1000BASE-T 1G BASE-X SFP 32 AP and 2K Clients Controller
<b>Maximum campus AP licenses</b>	32
<b>Maximum remote AP licenses</b>	32
<b>Maximum concurrent users/devices</b>	2,048
<b>Maximum VLANs</b>	4,094
<b>Auto-negotiating 10/100/1000BASE-T</b>	16
<b>Dimension (H x W x D)</b>	4.42 cm x 31.75 cm x 33.7 cm (1.74" x 12.75" x 13.3")
<b>Weight</b>	3.4 kg (7.5 lbs)

### Product Details

Table 2 shows the performance and capacity of Aruba 7000 controllers.

Model	7005	7008	7010	7024	7030
<b>Maximum campus AP licenses</b>	16	16	32	32	64
<b>Maximum remote AP licenses</b>	16	16	32	32	64
<b>Maximum concurrent users/devices</b>	1,024	1,024	2,048	2,048	4,094
<b>Maximum VLANs</b>	4,094	4,094	4,094	4,094	4,094
<b>Active firewall sessions</b>	16,384	16,384	32,768	32,768	65,536
<b>Concurrent GRE tunnels</b>	256	256	512	512	1,024
<b>Concurrent IPsec sessions</b>	512	512	1,024	1,024	2,048
<b>Mobility Access Switch tunneled-node ports</b>	512	512	1,024	1,024	2,048
<b>Firewall throughput</b>	2 Gbps	2 Gbps	4 Gbps	4 Gbps	8 Gbps

<b>Encrypted throughput (3DES, AES-CBC)</b>	1.2 Gbps	1.2 Gbps	2.4 Gbps	2.4 Gbps	2.4 Gbps
<b>Encrypted throughput (AES-CCM)</b>	1.6 Gbps	1.6 Gbps	3.4 Gbps	3.4 Gbps	4 Gbps

Note: To order Aruba Access Points, please visit [HPE Aruba 100 Series Access Points](#), [HPE Aruba 200 Series Access Points](#), [HPE Aruba 300 Series Access Points](#).

## Compare to Similar Item

Table 3 shows the comparison.

SKU	JW678A	JX928A
<b>Product Model</b>	Aruba 7010 (RW) 16p 150W PoE+ 10/100/1000BASE-T 1G BASE-X SFP 32 AP and 2K Clients Controller	Aruba 7008 (US) 8p 100W PoE+ 10/100/1000BASE-T 16 AP and 1K Client Controller
<b>Maximum campus AP licenses</b>	32	16
<b>Maximum remote AP licenses</b>	32	16
<b>Maximum concurrent users/devices</b>	2,048	1,024
<b>Maximum VLANs</b>	4,094	4,094
<b>Auto-negotiating 10/100/1000BASE-T</b>	16	8

## Get more information

Do you have any question about the Aruba JW678A?

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## Specification

<b>JW678A Specification</b>	
<b>Product Model</b>	Aruba 7010 (RW) 16p 150W PoE+ 10/100/1000BASE-T 1G BASE-X SFP 32 AP and 2K Clients Controller
<b>Maximum campus AP licenses</b>	32
<b>Maximum remote AP licenses</b>	32
<b>Maximum concurrent users/devices</b>	2,048
<b>Maximum VLANs</b>	4,094
<b>Active firewall sessions</b>	32,768
<b>Concurrent GRE tunnels</b>	512
<b>Concurrent IPsec sessions</b>	1,024
<b>Mobility Access Switch tunneled-node ports</b>	1,024
<b>Firewall throughput</b>	4 Gbps
<b>Encrypted throughput (3DES, AES-CBC)</b>	2.4 Gbps
<b>Encrypted throughput (AES-CCM)</b>	3.4 Gbps

<b>Form factor/footprint</b>	1 rack unit
<b>Auto-negotiating 10/100/1000BASE-T</b>	16
<b>Gigabit Ethernet ports (GBIC or SFP)</b>	2 SFP
<b>USB 2.0</b>	Yes
<b>Management/status LEDs</b>	Yes (2)
<b>LINK/ACT and status LEDs</b>	Yes
<b>LCD panel and navigation buttons</b>	No
<b>Console port</b>	Yes (micro USB/RJ-45)
<b>Out-of-band management port</b>	Yes
<b>PoE Role/Mode</b>	Power Source Equipment (PSE)
<b>PoE In or Out</b>	Out
<b>Number of PoE+ capable Ports</b>	12
<b>Max concurrent of PoE Ports</b>	12
<b>Max concurrent PoE+ Ports</b>	5
<b>PoE Power Budget</b>	150W
<b>Dimension (H × W × D)</b>	4.42 cm x 31.75 cm x 33.7 cm (1.74" x 12.75" x 13.3")
<b>Weight</b>	3.4 kg (7.5 lbs)
<b>MTBF (hours, @ 25C)</b>	232,843
<b>Operating temperature</b>	0° C to 40° C
<b>Storage temperature</b>	-40° C to 70° C
<b>Humidity/storage humidity</b>	10% to 95%,
<b>NC Operating altitude</b>	10,000 feet
<b>Acoustic noise</b>	39.8 – 58.6 dBA
<b>Maximum power consumption</b>	190W (with PoE)
<b>Safety certifications</b>	UL 60950-1 Second Edition CAN/CSA-C22.2 No. 60950-1 Second Edition EN 60950-1 Second Edition EN 60950:2005 IEC 60950-1 Second Edition NOM (obtained by partners and distributors)

<b>Electromagnetic emissions certifications</b>	FCC Part 15 Class B CE AS/NZS CISPR22 Class B CISPR22 Class A (7010, 7024, 7030), Class B (7005) EN55022 Class A (7010, 7024, 7030), Class B (7005) ICES-003 Class A (7010, 7024, 7030), Class B (7005) VCCI Class A (7010, 7024, 7030), Class B (7005) EN61000-3-2 EN61000-3-3 EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11, AS/NZS 3548 KN22 Class B KCC CNS13438 Class B EN55024/CISPR24 KN24 Industry Canada Class B CE mark, cTUVus, CB, C-tick, Anatel, NOM, MIC
<b>Telco</b>	Common Language Equipment Identifier (CLEI) Code
<b>Regulatory SKU information</b>	ARCNO1014(7005), ARCN0103(7010), ARCN7024(7024), ARCN7030(7030)
<b>Minimum ArubaOS Release</b>	7005, AOS 6.4.1.0; 7008, AOS 6.5.0.0; 7010, AOS 6.4.1.0; 7024, AOS 6.4.3.0; 7030, AOS 6.4.1.0

## Download Resource

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### Support and Resources

 [Aruba 7000 Series Mobility Controllers Datasheet](#)

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