JZ336A Datasheet

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Overview

JZ336A is the Aruba AP-535 (RW) - Campus - wireless access point. Aruba Wi-Fi 6 access points provide high-performance connectivity for any organization experiencing growing numbers of IoT and mobility requirements. With a maximum real-world aggregate data rate of 2.97 Gbps (HE80/HE20), the 530 Series deliver the speed and reliability needed for any enterprise.

Quick Spec

Figure 1 shows the appearance of JZ336A.

Table 1 shows the quick spec.

Model	JZ336A
Series	Aruba AP-535
AP type	Indoor, dual radio, 5GHz and 2.4GHz 802.11ax 4x4 MIMO
5GHz radio	Four spatial stream Single User (SU) MIMO for up to 2.4Gbps wireless data rate with individual 4SS HE80 (or 2SS HE160) 802.11ax client devices, or with four 1SS or two 2SS HE80 802.11ax MU-MIMO capable client devices simultaneously
2.4GHz radio	Four spatial stream Single User (SU) MIMO for up to 1,147Mbps (574Mbps) wireless data rate with individual 4SS HE40 (HE20) 802.11ax client devices or with two 2SS HE40 (HE20) 802.11ax MU-MIMO capable client devices simultaneously
Antenna	4 integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5dBi in 2.4GHz and 5.4dBi in 5GHz.
Supported data rates (Mbps)	- 802.11b: 1, 2, 5.5, 11 - 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 - 802.11n: 6.5 to 600 (MCS0 to MCS31, HT20 to HT40), 800 with 256-QAM - 802.11ac: 6.5 to 1,733 (MCS0 to MCS9, NSS = 1 to 4, VHT20 to VHT160), 2,166 with 1024-QAM - 802.11ax (2.4GHz): 3.6 to 1,147 (MCS0 to MCS11, NSS = 1 to 4, HE20 to HE40) - 802.11ax (5GHz): 3.6 to 2,402 (MCS0 to MCS11, NSS = 1 to 4, HE20 to HE160)

Product Details

Figure 2 shows the front panel of JZ336A.

Figure 3 shows the back panel of JZ336A.

Aruba AP-530 provides these key features:

• 2.97 Gbps maximum real-world speed (HE80/HE20)

• WPA3 and Enhanced Open security

• Built-in technology that resolves sticky client issues for Wi-Fi 6 and Wi-Fi 5 devices

• OFDMA and MU-MIMO for enhanced multi-user efficiency

• IoT-ready Bluetooth 5 and Zigbee support

The Accessories

Table 2 shows the accessories of JZ336A.

Mount Kit	
R3J18A	AP-MNT-D Campus AP mount bracket kit (individual) type D: solid surface
R3J19A	AP-MNT-E Campus AP mount bracket kit (individual) type E: wall-box
Power Adaptor	
R3K01A	AP-AC2-48C 48V/50W AC/DC desktop style power adapter with 1.35/3.5mm connector

Compare to Similar Items

Table 3 shows the comparison.

Model	R2H28A	JZ336A
Series	Aruba AP-505	Aruba AP-535
AP type	Indoor, dual radio, 5GHz and 2.4GHz 802.11ax 2x2 MIMO	Indoor, dual radio, 5GHz and 2.4GHz 802.11ax 4x4 MIMO

5GHz radio	Two spatial stream Single User (SU) MIMO for up to 1.2Gbps wireless data rate with 2SS HE80 802.11ax client devices	Four spatial stream Single User (SU) MIMO for up to 2.4Gbps wireless data rate with individual 4SS HE80 (or 2SS HE160) 802.11ax client devices, or with four 1SS or two 2SS HE80 802.11ax MU-MIMO capable client devices simultaneously
2.4GHz radio	Two spatial stream Single User (SU) MIMO for up to 574Mbps (287 Mbps) wireless data rate with 2SS HE40 (HE20) 802.11ax client devices	Four spatial stream Single User (SU) MIMO for up to 1,147Mbps (574Mbps) wireless data rate with individual 4SS HE40 (HE20) 802.11ax client devices or with two 2SS HE40 (HE20) 802.11ax MU-MIMO capable client devices simultaneously
Antenna	2 Internal Omni-directional 5.7 DBi Antenna	4 integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5dBi in 2.4GHz and 5.4dBi in 5GHz.
Supported data rates (Mbps)	• 802.11b: 1, 2, 5.5, 11 • 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 • 802.11n: 6.5 to 300 (MCS0 to MCS15, HT20 to HT40), 400 with 256-QAM • 802.11ac: 6.5 to 867 (MCS0 to MCS9, NSS = 1 to 2, VHT20 to VHT80), 1,083 with 1024-QAM • 802.11ax (2.4GHz): 3.6 to 574 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE40) • 802.11ax (5GHz): 3.6 to 1,201 (MCS0 to MCS11, NSS = 1 to 2, HE20 to HE80)	- 802.11b: 1, 2, 5.5, 11 - 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 - 802.11n: 6.5 to 600 (MCS0 to MCS31, HT20 to HT40), 800 with 256-QAM - 802.11ac: 6.5 to 1,733 (MCS0 to MCS9, NSS = 1 to 4, VHT20 to VHT160), 2,166 with 1024-QAM - 802.11ax (2.4GHz): 3.6 to 1,147 (MCS0 to MCS11, NSS = 1 to 4, HE20 to HE40) - 802.11ax (5GHz): 3.6 to 2,402 (MCS0 to MCS11, NSS = 1 to 4, HE20 to HE160)

Get More Information

Do you have any question about the JZ336A?

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Specification

JZ336A Specification	
Series	Aruba AP-535
AP type	Indoor, dual radio, 5GHz and 2.4GHz 802.11ax 4x4 MIMO
5GHz radio	Four spatial stream Single User (SU) MIMO for up to 2.4Gbps wireless data rate with individual 4SS HE80 (or 2SS HE160) 802.11ax client devices, or with four 1SS or two 2SS HE80 802.11ax MU-MIMO capable client devices simultaneously
2.4GHz radio	Four spatial stream Single User (SU) MIMO for up to 1,147Mbps (574Mbps) wireless data rate with individual 4SS HE40 (HE20) 802.11ax client devices or with two 2SS HE40 (HE20) 802.11ax MU-MIMO capable client devices simultaneously
Antenna	4 integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO with peak antenna gain of 3.5dBi in 2.4GHz and 5.4dBi in 5GHz.
Supported data rates (Mbps)	- 802.11b: 1, 2, 5.5, 11 - 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 - 802.11n: 6.5 to 600 (MCS0 to MCS31, HT20 to HT40), 800 with 256-QAM - 802.11ac: 6.5 to 1,733 (MCS0 to MCS9, NSS = 1 to 4, VHT20 to VHT160), 2,166 with 1024-QAM - 802.11ax (2.4GHz): 3.6 to 1,147 (MCS0 to MCS11, NSS = 1 to 4, HE20 to HE40) - 802.11ax (5GHz): 3.6 to 2,402 (MCS0 to MCS11, NSS = 1 to 4, HE20 to HE160)
Dimensions	AP-535; unit, excluding mount bracket: 240mm (W) x 240mm (D) x 57mm (H) / 9.4" (W) x 9.4" (D) x 2.2" (H)
Certifications	• UL2043 plenum rating • Wi-Fi Alliance: - Wi-Fi CERTIFIED a, b, g, n, ac - Wi-Fi CERTIFIED 6 (ax) - WPA, WPA2 and WPA3 – Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) - WMM, WMM-PS, Wi-Fi Vantage, W-Fi Agile Multiband - Passpoint (release 2) • Bluetooth SIG

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