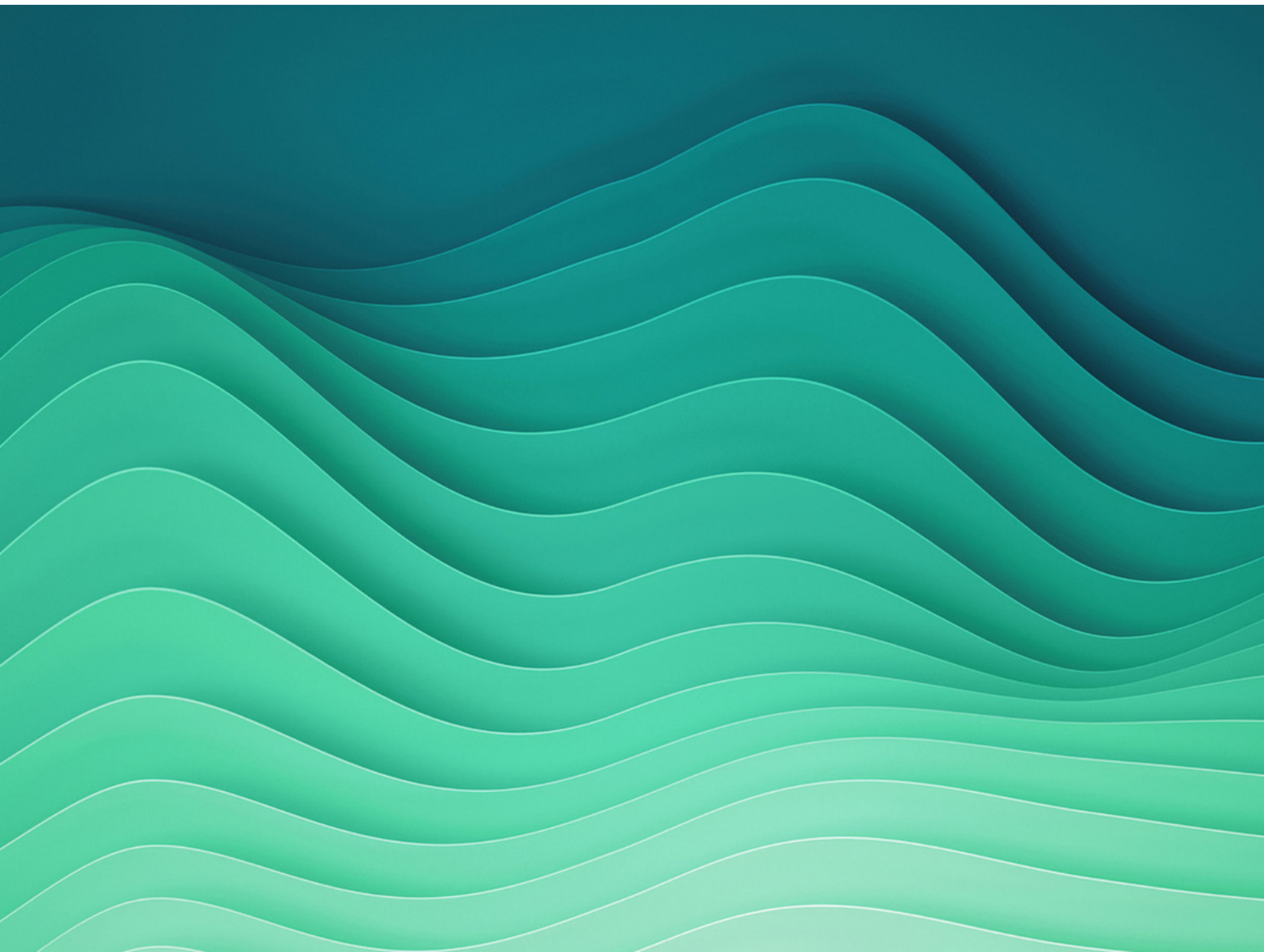


# **HPE Aruba Networking 510 series wireless access points**

High performance Wi-Fi 6 (802.11ax) connectivity for  
indoor environments

**HPE**   
**GreenLake**



**Table 1.** Select a model

Part number	Description	Configuration comments
<b>Internal antenna access points</b>		
<b>Q9H59A</b>	HPE Aruba Networking AP-515 (EG) Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
<b>Q9H60A</b>	HPE Aruba Networking AP-515 (IL) Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
<b>Q9H61A</b>	HPE Aruba Networking AP-515 (JP) Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
<b>Q9H62A</b>	HPE Aruba Networking AP-515 (RW) Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
<b>Q9H63A</b>	HPE Aruba Networking AP-515 (US) Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
<b>External antenna access points</b>		
<b>Q9H54A</b>	HPE Aruba Networking AP-514 (EG) Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
<b>Q9H55A</b>	HPE Aruba Networking AP-514 (IL) Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
<b>Q9H56A</b>	HPE Aruba Networking AP-514 (JP) Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
<b>Q9H57A</b>	HPE Aruba Networking AP-514 (RW) Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
<b>Q9H58A</b>	HPE Aruba Networking AP-514 (US) Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
<b>Internal antenna access points—TAA models</b>		
<b>Q9H69A</b>	HPE Aruba Networking AP-515 (EG) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
<b>Q9H70A</b>	HPE Aruba Networking AP-515 (IL) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
<b>Q9H71A</b>	HPE Aruba Networking AP-515 (JP) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
<b>Q9H72A</b>	HPE Aruba Networking AP-515 (RW) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
<b>Q9H73A</b>	HPE Aruba Networking AP-515 (US) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit



**Table 1.** Select a model

Part number	Description	Configuration comments
<b>External antenna access points—TAA models</b>		
<b>Q9H64A</b>	HPE Aruba Networking AP-514 (EG) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
<b>Q9H65A</b>	HPE Aruba Networking AP-514 (IL) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
<b>Q9H66A</b>	HPE Aruba Networking AP-514 (JP) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
<b>Q9H67A</b>	HPE Aruba Networking AP-514 (RW) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
<b>Q9H68A</b>	HPE Aruba Networking AP-514 (US) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas

**Table 2.** Select mount kit

Part number	Description	Configuration comments
<b>Mounting kits (continued)</b>		
<b>JZ370A</b>	AP-MNT-MP10-A Campus AP mount bracket kit (10-pack) type A: suspended ceiling rail, flat 9/16	Note: kit contains mounts for 10 access points
<b>Q9G69A</b>	AP-MNT-MP10-B Campus AP mount bracket kit (10-pack) type B: suspended ceiling rail, flat 15/16	Note: kit contains mounts for 10 access points
<b>R6T34A</b>	AP-MNT-MP10-B1 Campus AP mount bracket kit (10-pack) type B1: suspended ceiling rail, flat 15/16 thick	Note: kit contains mounts for 10 access points
<b>Q9G70A</b>	AP-MNT-MP10-C Campus AP mount bracket kit (10-pack) type C: suspended ceiling rail, profile 9/16	Note: kit contains mounts for 10 access points
<b>Q9G71A</b>	AP-MNT-MP10-D Campus AP mount bracket kit (10-pack) type D: solid surface	Note: kit contains mounts for 10 access points
<b>R1C72A</b>	AP-MNT-MP10-E Campus AP mount bracket kit (10-pack) type E: wall-box	Note: kit contains mounts for 10 access points
<b>SOJ40A</b>	HPE Aruba Networking AP-MNT-MP10-U Campus AP 10-Pack Universal Mount Bracket Kit	Note: kit contains mounts for 10 access points
<b>R3T20A</b>	AP-MNT-MP10-X Campus AP mount adapter kit (10-pack) for existing W2/W3 mounts	Note: kit contains mounts for 10 access points
<b>R3J15A</b>	AP-MNT-A Campus AP mount bracket kit (individual) type A: suspended ceiling rail, flat 9/16	Note: kit contains mounts for 1 access points
<b>R3J16A</b>	AP-MNT-B Campus AP mount bracket kit (individual) type B: suspended ceiling rail, flat 15/16	Note: kit contains mounts for 1 access points
<b>R3J17A</b>	AP-MNT-C Campus AP mount bracket kit (individual) type C: suspended ceiling rail, profile 9/16	Note: kit contains mounts for 1 access points



**Table 2.** Select mount kit

Part number	Description	Configuration comments
<b>Mounting kits (continued)</b>		
<b>R3J18A</b>	AP-MNT-D Campus AP mount bracket kit (individual) type D: solid surface	Note: kit contains mounts for 1 access points
<b>R3J19A</b>	AP-MNT-E Campus AP mount bracket kit (individual) type E: wall-box	Note: kit contains mounts for 1 access points

**Table 3.** Select antennas (AP-514 only)

Part number	Quantity needed	Description	Mounting comments
<b>Indoor antennas (AP-514 antenna interface: 4x RP-SMA female, concurrent dual-band)</b>			
<b>Legacy dual-band antennas</b>			
<b>JW009A</b>	4	AP-ANT-1W 2.4-2.5 GHz (4 dBi)/4.9-5.875 GHz (6 dBi), high-gain dual-band omni-directional direct-mount articulating antenna (white).	Direct-mount
<b>JW001A</b>	4	AP-ANT-13B 2.4-2.5 GHz (2.3 dBi)/4.9-5.9 GHz (4.0 dBi), down-tilt, smallest form factor omni-directional antenna, w/ceiling mount hardware.	Direct, using pigtailed
<b>JW004A</b>	4	AP-ANT-19 dual Band, omni-directional 3 dBi/6 dBi, indoor/outdoor, 36 inch pigtail cable. Pole mount, I-beam, and ceiling tile mount hardware included.	Direct, using pigtailed
<b>JW011A</b>	4	AP-ANT-20W 2.4-2.5 GHz (2 dBi)/4.9-5.875 GHz (2 dBi), compact dual-band omni-directional direct-mount articulating antenna (white).	Direct-mount
<b>JW017A</b>	1	AP-ANT-40 dual-band, 4/5 dBi, 4 element MIMO downtilt omni antenna, ceiling mount.	Direct, using pigtailed
<b>JW018A</b>	1	AP-ANT-45 dual-band, 5 dBi, 4 element MIMO 90 x 90 degrees sector antenna, wall mount.	Direct, using pigtailed
<b>JW019A</b>	1	AP-ANT-48 dual-band, 8.5 dBi, 4 element MIMO 60 x 60 degrees sector antenna, wall mount.	Direct, using pigtailed
<b>Indoor antennas (AP-514 antenna interface: 4x RP-SMA female, concurrent dual-band)</b>			
<b>Tri-band antennas</b>			
<b>S1F79A</b>	4	HPE Aruba Networking AP-ANT-311 Direct-Mount RP-SMA Indoor Tri-Band 1x1 Omni Dipole Antenna	Direct-mount
<b>S1F80A</b>	4	HPE Aruba Networking AP-ANT-312 Direct-Mount RP-SMA Indoor Tri-Band 1x1 Low-Profile Omni Dipole Antenna	Direct-mount
<b>S1F81A</b>	4	HPE Aruba Networking AP-ANT-313 Cabled RP-SMA Indoor/Outdoor Tri-Band 1x1 Omni Dipole Antenna	Direct, using pigtailed
<b>S1F82A</b>	1	HPE Aruba Networking AP-ANT-340 Cabled RP-SMA Indoor Tri-Band 4x4 Downtilt Omni Ceiling Antenna	Direct, using pigtailed
<b>S1F83A</b>	1	HPE Aruba Networking AP-ANT-345 Cabled RP-SMA Indoor/Outdoor Tri-Band 4x4 Medium Gain Directional Panel Antenna	Direct, using pigtailed
<b>S1F84A</b>	1	HPE Aruba Networking AP-ANT-348 Cabled RP-SMA Indoor/Outdoor Tri-Band 4x4 High Gain Directional Panel Antenna	Direct, using pigtailed



**Table 4.** Add antenna mount kit (optional)

Part number	Description	Configuration comments
<b>JW021A</b>	AP-ANT-MNT-4 AP-ANT-48 Azimuth and Elevation Adjustable Mount Kit	Compatible with antenna AP-ANT-48
<b>JW022A</b>	AP-ANT-MNT-5 AP-ANT-45 Azimuth and Elevation Adjustable Mount Kit	Compatible with antenna AP-ANT-45
<b>S1J09A</b>	HPE Aruba Networking AP-ANT-MNT-U Universal AZ/EL Adjustable Antenna Pole/Wall Mount Kit	Compatible with antennas AP-ANT-345 and AP-ANT-348

**Table 5.** Add powering accessory (optional)

Part number	Description	Configuration comments
<b>Power accessories</b>		
<b>R6P67A</b>	AP-POE-ATSR 1-Port Smart Rate 802.3at 30W midspan injector	Add AC power cord
<b>R3K00A</b>	AP-AC2-12B 12V/48W AC/DC desktop style power adapter with 2.1/5.5 mm connector	Add AC power cord
<b>AC power cord</b>		
<b>JW113A</b>	PC-AC-ARG AC Power Cord (Argentina) 250V/10A 1.8m C13 to IRAM 2073	
<b>JW114A</b>	PC-AC-AUS AC Power Cord (Australia) 250V/10A 1.8m C13 to AS3112	
<b>JW115A</b>	PC-AC-BR AC Power Cord (Brazil) 250V/10A 1.8m C13 to NBR 14136	
<b>JW116A</b>	PC-AC-CHN AC Power Cord (China) 250V/10A 1.8m C13 to GB2099	
<b>JW117A</b>	PC-AC-DEN AC Power Cord (Denmark) 250V/10A 1.8m C13 to AFSNIT 107-2-D1	
<b>JW118A</b>	PC-AC-EC AC Power Cord (Europe) 250V/10A 1.8m C13 to CEE7/7	
<b>JW120A</b>	PC-AC-IL AC Power Cord (Israel) 250V/10A 1.8m C13 to SI32	
<b>JW119A</b>	PC-AC-IN AC Power Cord (India) 250V/6A 1.8m C13 to IS1293	
<b>JW121A</b>	PC-AC-IT AC Power Cord (Italy) 250V/10A 1.8m C13 to CEI 23-50	
<b>JW122A</b>	PC-AC-JPN AC Power Cord (Japan) 125V/12A 1.8m C13 to JISC 8303	
<b>JW123A</b>	PC-AC-KOR AC Power Cord (Korea) 250V/7A 1.8m C13 to KSC 8305	
<b>JW124A</b>	PC-AC-NA AC Power Cord (North America) 125V/10A 1.8m C13 to NEMA 5-15P	
<b>JW125A</b>	PC-AC-SWI AC Power Cord (Switzerland) 220V/10A 1.8m C13 to SEV 1011	
<b>S0P44A</b>	PC-AC-TH AC Power Cord (Thailand) 250V/10A 1.8m C13 to TIS 166-2549	
<b>JW126A</b>	PC-AC-TW AC Power Cord (Taiwan) 125V/7A 1.8m C13 to CNS 10917	
<b>JW127A</b>	PC-AC-UK AC Power Cord (United Kingdom) 250V/10A 1.8m C13 to BS1363	
<b>JW128A</b>	PC-AC-ZA AC Power Cord (South Africa) 250V/10A 1.8m C13 to SANS 164-1	



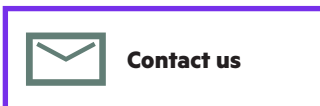
## Ordering guide

Part number	Description	Configuration comments
	AP-515-CVR-20 20-pack for AP-515 with Holes for LED Indicators White Non-glossy Snap-on Covers	Note: kit contains covers for 20 access points

**Table 7.** Add other accessories (optional)

Part number	Description	Configuration comments
<b>Other accessories</b>		
<b>JY728A</b>	AP-CBL-SERU Micro-USB TTL3.3V to USB2.0 AP Console Adapter Cable	Drivers available on the HPE Aruba Networking Support Center
<b>R2X45A</b>	HPE Aruba Networking AP-USB-ZB External USB based Dongle with Zigbee and BLE for AP	Single USB dongle
<b>R2Y09A</b>	HPE Aruba Networking AP-USB-ZB 10-pk External USB based Dongle with Zigbee and BLE for AP	10-pack USB dongle
<b>R2Y10A</b>	HPE Aruba Networking AP-USB-ZB 50-pk External USB based Dongle with Zigbee and BLE for AP	50-pack USB dongle
<b>R8F34A</b>	HPE Aruba Networking USB LTE Modem for use with Access Points and Gateways	
<b>R8G76A</b>	HPE Aruba Networking USB Extender Cable Kit for use with HPE Aruba Networking USB LTE Modem	Optional extender cable kit for USB LTE Modem

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