

HPE Aruba Networking 510 Series Wireless Access Points

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

HPE 
GreenLake

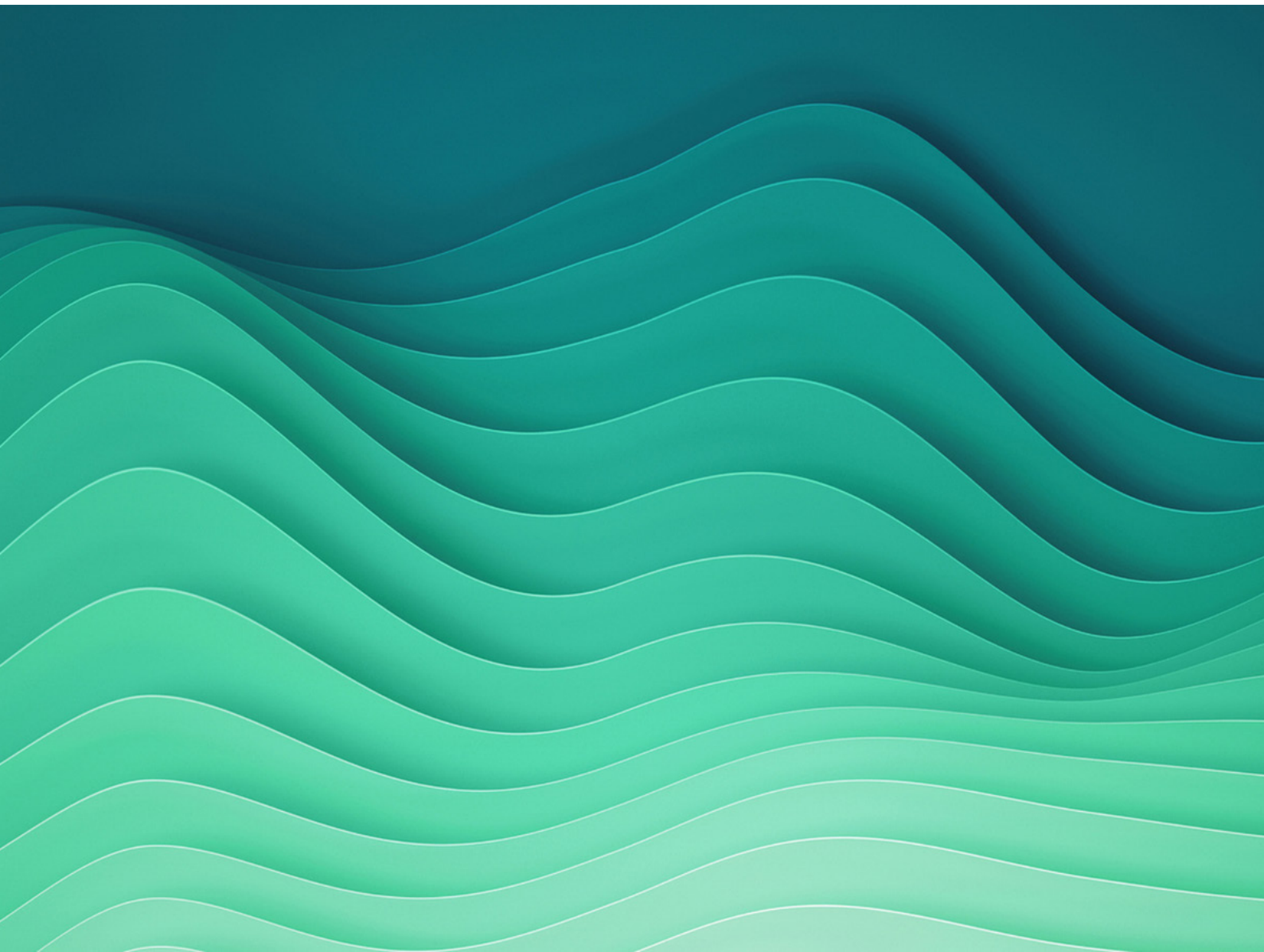


Table 1. Select a model

Part number	Description	Configuration comments
Internal antenna access points		
Q9H59A	HPE Aruba Networking AP-515 (EG) Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
Q9H60A	HPE Aruba Networking AP-515 (IL) Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
Q9H61A	HPE Aruba Networking AP-515 (JP) Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
Q9H62A	HPE Aruba Networking AP-515 (RW) Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
Q9H63A	HPE Aruba Networking AP-515 (US) Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
External antenna access points		
Q9H54A	HPE Aruba Networking AP-514 (EG) Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
Q9H55A	HPE Aruba Networking AP-514 (IL) Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
Q9H56A	HPE Aruba Networking AP-514 (JP) Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
Q9H57A	HPE Aruba Networking AP-514 (RW) Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
Q9H58A	HPE Aruba Networking AP-514 (US) Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
Internal antenna access points—TAA models		
Q9H69A	HPE Aruba Networking AP-515 (EG) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
Q9H70A	HPE Aruba Networking AP-515 (IL) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
Q9H71A	HPE Aruba Networking AP-515 (JP) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
Q9H72A	HPE Aruba Networking AP-515 (RW) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax Internal Antennas Unified Campus AP	Add mount kit
Q9H73A	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
External antenna access points—TAA models		
Q9H64A	HPE Aruba Networking AP-514 (EG) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
Q9H65A	HPE Aruba Networking AP-514 (IL) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
Q9H66A	HPE Aruba Networking AP-514 (JP) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
Q9H67A	HPE Aruba Networking AP-514 (RW) TAA Dual Radio 4x4:4 + 2x2:2 802.11ax External Antennas Unified Campus AP	Add mount kit, antennas
Q9H68A	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
Mounting kits (continued)		
JZ370A	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
Q9G69A	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
R6T34A	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
Q9G70A	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
Q9G71A	AP-MNT-MP10-D Campus AP mount bracket kit (10-pack) type D: solid surface	Note: kit contains mounts for 10 access points
R1C72A	AP-MNT-MP10-E Campus AP mount bracket kit (10-pack) type E: wall-box	Note: kit contains mounts for 10 access points
SOJ40A	HPE Aruba Networking AP-MNT-MP10-U Campus AP 10-Pack Universal Mount Bracket Kit	Note: kit contains mounts for 10 access points
R3T20A	AP-MNT-MP10-X Campus AP mount adapter kit (10-pack) for existing W2/W3 mounts	Note: kit contains mounts for 10 access points
R3J15A	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
R3J16A	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
R3J17A	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
Mounting kits (continued)		
R3J18A	AP-MNT-D Campus AP mount bracket kit (individual) type D: solid surface	Note: kit contains mounts for 1 access points
R3J19A	AP-MNT-E Campus AP mount bracket kit (individual) type E: wall-box	Note: kit contains mounts for 1 access points
S4K79A	HPE Aruba Networking AP-MNT-U Campus Access Point Type U Universal Mount Bracket Kit	Note: Kit contains mounts for 1 access point

Table 3. Select antennas (AP-514 only)

Part number	Quantity needed	Description	Mounting comments
Indoor antennas (AP-514 antenna interface: 4x RP-SMA female, concurrent dual-band)			
Legacy dual-band antennas			
JW009A	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
JW001A	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
JW004A	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
JW011A	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
JW017A	1	AP-ANT-40 dual-band, 4/5 dBi, 4 element MIMO downtilt omni antenna, ceiling mount.	Direct, using pigtailed
JW018A	1	AP-ANT-45 dual-band, 5 dBi, 4 element MIMO 90 x 90 degrees sector antenna, wall mount.	Direct, using pigtailed
JW019A	1	AP-ANT-48 dual-band, 8.5 dBi, 4 element MIMO 60 x 60 degrees sector antenna, wall mount.	Direct, using pigtailed
Indoor antennas (AP-514 antenna interface: 4x RP-SMA female, concurrent dual-band)			
Tri-band antennas			
S1F79A	4	HPE Aruba Networking AP-ANT-311 Direct-Mount RP-SMA Indoor Tri-Band 1x1 Omni Dipole Antenna	Direct-mount
S1F80A	4	HPE Aruba Networking AP-ANT-312 Direct-Mount RP-SMA Indoor Tri-Band 1x1 Low-Profile Omni Dipole Antenna	Direct-mount



Table 3. Select antennas (AP-514 only)

Part number	Quantity needed	Description	Mounting comments
Indoor antennas (AP-514 antenna interface: 4x RP-SMA female, concurrent dual-band)			
Tri-band antennas			
S1F81A	4	HPE Aruba Networking AP-ANT-313 Cabled RP-SMA Indoor/Outdoor Tri-Band 1x1 Omni Dipole Antenna	Direct, using pigtails
S1F82A	1	HPE Aruba Networking AP-ANT-340 Cabled RP-SMA Indoor Tri-Band 4x4 Downtilt Omni Ceiling Antenna	Direct, using pigtails
S1F83A	1	HPE Aruba Networking AP-ANT-345 Cabled RP-SMA Indoor/Outdoor Tri-Band 4x4 Medium Gain Directional Panel Antenna	Direct, using pigtails
S1F84A	1	HPE Aruba Networking AP-ANT-348 Cabled RP-SMA Indoor/Outdoor Tri-Band 4x4 High Gain Directional Panel Antenna	Direct, using pigtails



Table 4. Add antenna mount kit (optional)

Part number	Description	Configuration comments
JW021A	AP-ANT-MNT-4 AP-ANT-48 Azimuth and Elevation Adjustable Mount Kit	Compatible with antenna AP-ANT-48
JW022A	AP-ANT-MNT-5 AP-ANT-45 Azimuth and Elevation Adjustable Mount Kit	Compatible with antenna AP-ANT-45
S1J09A	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
Power accessories		
R6P67A	AP-POE-ATSR 1-Port Smart Rate 802.3at 30W midspan injector	Add AC power cord
R3K00A	AP-AC2-12B 12V/48W AC/DC desktop style power adapter with 2.1/5.5 mm connector	Add AC power cord
AC power cord		
JW113A	PC-AC-ARG AC Power Cord (Argentina) 250V/10A 1.8m C13 to IRAM 2073	
JW114A	PC-AC-AUS AC Power Cord (Australia) 250V/10A 1.8m C13 to AS3112	
JW115A	PC-AC-BR AC Power Cord (Brazil) 250V/10A 1.8m C13 to NBR 14136	
JW116A	PC-AC-CHN AC Power Cord (China) 250V/10A 1.8m C13 to GB2099	
JW117A	PC-AC-DEN AC Power Cord (Denmark) 250V/10A 1.8m C13 to AFSNIT 107-2-D1	
JW118A	PC-AC-EC AC Power Cord (Europe) 250V/10A 1.8m C13 to CEE7/7	
JW120A	PC-AC-IL AC Power Cord (Israel) 250V/10A 1.8m C13 to SI32	
JW119A	PC-AC-IN AC Power Cord (India) 250V/6A 1.8m C13 to IS1293	
JW121A	PC-AC-IT AC Power Cord (Italy) 250V/10A 1.8m C13 to CEI 23-50	
JW122A	PC-AC-JPN AC Power Cord (Japan) 125V/12A 1.8m C13 to JISC 8303	
JW123A	PC-AC-KOR AC Power Cord (Korea) 250V/7A 1.8m C13 to KSC 8305	
JW124A	PC-AC-NA AC Power Cord (North America) 125V/10A 1.8m C13 to NEMA 5-15P	
JW125A	PC-AC-SWI AC Power Cord (Switzerland) 220V/10A 1.8m C13 to SEV 1011	
S0P44A	PC-AC-TH AC Power Cord (Thailand) 250V/10A 1.8m C13 to TIS 166-2549	
JW126A	PC-AC-TW AC Power Cord (Taiwan) 125V/7A 1.8m C13 to CNS 10917	
JW127A	PC-AC-UK AC Power Cord (United Kingdom) 250V/10A 1.8m C13 to BS1363	
JW128A	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
Other accessories		
JY728A	AP-CBL-SERU Micro-USB TTL3.3V to USB2.0 AP Console Adapter Cable	Drivers available on the HPE Aruba Networking Support Center
R2X45A	HPE Aruba Networking AP-USB-ZB External USB based Dongle with Zigbee and BLE for AP	Single USB dongle
R2Y09A	HPE Aruba Networking AP-USB-ZB 10-pk External USB based Dongle with Zigbee and BLE for AP	10-pack USB dongle
R2Y10A	HPE Aruba Networking AP-USB-ZB 50-pk External USB based Dongle with Zigbee and BLE for AP	50-pack USB dongle
R8F34A	HPE Aruba Networking USB LTE Modem for use with Access Points and Gateways	
R8G76A	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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