Technical Specifications

Brand	Hewlett-Packard Enterprise (HPE)
Country of Origin	U.S. A
Model	Aruba AP-515 WI-FI 6 Indoor Access Points
AP type	Indoor
Wi-Fi radio specifications	Dual radio, 5GHz 802.11ax 4x4 MIMO and 2.4 GHz 802.11ax 2x2 MIMO Support for up to 512 associated client devices per radio, and up to 16 BSSIDs per radio **5GHz radio: Four spatial stream Multi User (MU) MIMO for up to 4.8Gbps wireless data rate to up to four 1SS or two 2SS HE160 802.11ax DL-MU-MIMO capable client devices simultaneously (max)** **2.4GHz radio: Two spatial stream Single User (SU) MIMO for up to 574Mbps wireless data rate to 2SS HE40 802.11ax client devices (max)**
Supported radio technologies:	802.11b: Direct-Sequence Spread-Spectrum (DSSS) Low-Density Parity Check (LDPC) for high-efficiency error correction and increased throughput 802.11mc Fine Timing Measurement (FTM) for precision distance ranging 802.11ax Target Wait Time (TWT) to support low-power client devices Transmit Beam-Forming (TxBF) for increased signal reliability and range
Wi-Fi antennas	Four integrated dual-band downtilt omnidirectional antennas for 4x4 MIMO (2x2 MIMO for 2.4GHz) with peak antenna gain of 4.2dBi in 2.4GHz and 7.5dBi in 5GHz. Built-in antennas are optimized for horizontal ceiling mounted orientation of the AP. The downtilt angle for maximum gain is roughly 30 degrees Combining the patterns of each of the antennas of the MIMO radios, the peak gain of the effective per-antenna pattern is 3.8dBi in 2.4 GHz and 4.6dBi in 5 GHz
Certifications	Wi-Fi CERTIFIED a, b, g, n, ac, ax WPA, WPA2 and WPA3—Enterprise with CNSA option, Personal (SAE), Enhanced Open (OWE) WMM, WMM-PS, W-Fi Agile Multiband Bluetooth SIG Wi-Fi CERTIFIED Location™ and Passpoint (release 2)
Other interfaces and features	10/100/1000BASE-T Ethernet network interface (RJ-45) Auto-sensing link speed and MDI/MDX 802.3az Energy Efficient Ethernet (EEE) USB 2.0 host interface (Type A connector)
Power sources	The AP supports Power over Ethernet (PoE) Maximum (worst-case) power consumption in idle mode: 12.6W (POE) or 9.7W (DC) Maximum (worst-case) power consumption in deep-sleep mode: 5.9W (POE) or 1.5W (DC)

Wi-Fi features	Transmit Beamforming Passpoint Wi-Fi (Release 2) (Hotspot 2.0) Dynamic Frequency Selection (DFS) Maximum Ratio Combining (MRC) Cyclic Delay/Shift Diversity (CDD/CSD) Space-Time Block Coding Low-Density Parity Check (LDPC)
Warranty	**Limited Lifetime Warranty**