

Aruba AP Comparison	550 Series	530 Series	510 Series	500 Series	340 Series	330 Series	320 Series	310 Series	300 Series	303 Series
SW Type	Unified	Unified	Unified	Unified	Unified	AOS/Instant	AOS/Instant	AOS/Instant	AOS/Instant	Unified
Number of Radios	2 to 3	2	2	2	2	2	2	2	2	2
Supported Bands	DB	DB	DB	DB	DB (D5)	DB	DB	DB	DB	DB
Wi-Fi Generations	802.11ax	802.11ax	802.11ax	802.11ax	802.11n (2.4GHz) 802.11acW2 (5GHz)	802.11n (2.4GHz) 802.11acW2 (5GHz)	802.11n (2.4GHz) 802.11acW2 (5GHz)	802.11n (2.4GHz) 802.11acW2 (5GHz)	802.11n (2.4GHz) 802.11acW2 (5GHz)	802.11n (2.4GHz) 802.11acW2 (5GHz)
Highest Order Modulation	1024-QAM	1024-QAM	1024-QAM	1024-QAM	64-QAM (2.4GHz) 256-QAM (5GHz)	64-QAM (2.4GHz) 256-QAM (5GHz)	64-QAM (2.4GHz) 256-QAM (5GHz)	64-QAM (2.4GHz) 256-QAM (5GHz)	64-QAM (2.4GHz) 256-QAM (5GHz)	64-QAM (2.4GHz) 256-QAM (5GHz)
Supported Bandwidths	20/40 (2.4GHz) 20/40/80/160 (5GHz)	20/40 (2.4GHz) 20/40/80/160 (5GHz)	20/40 (2.4GHz) 20/40/80/160 (5GHz)	20/40 (2.4GHz) 20/40/80 (5GHz)	20/40 (2.4GHz) 20/40/80/(80+80) (5GHz)	20/40 (2.4GHz) 20/40/80/(80+80) (5GHz)	20/40 (2.4GHz) 20/40/80 (5GHz)	20/40 (2.4GHz) 20/40/80/(80+80) (5GHz)	20/40 (2.4GHz) 20/40/80 (5GHz)	20/40 (2.4GHz) 20/40/80 (5GHz)
Radio MIMO Type	4x4:4 (2.4GHz) 8x8:8 or dual 4x4:4 (5GHz)	4x4:4 (2.4GHz) 8x8:8 or dual 4x4:4 (5GHz)	4x4:4 (2.4GHz) 8x8:8 or dual 4x4:4 (5GHz)	2x2:2 (2.4GHz) 2x2:2 (5GHz)	4x4:4	4x4:4	4x4:4	2x2:2 (2.4GHz) 4x4:4 (5GHz)	2x2:2 (2.4GHz) 3x3:3 (5GHz)	2x2:2
DL-MU-MIMO	Yes	Yes	Yes	Yes	Yes (5GHz)	Yes (5GHz)	Yes (5GHz)	Yes (5GHz)	Yes (5GHz)	Yes (5GHz)
UL-MU-MIMO	Yes	Yes	No	No	No	No	No	No	No	No
OFDMA	Yes	Yes	Yes	Yes	No	No	No	No	No	No
Max Number of Resource Units (OFDMA)	37	37	16	8	N/A	N/A	N/A	N/A	N/A	N/A
Max Number of BSSIDS (per radio)	16	16	16	16	16	16	16	16	16	16
Max Number of Associated Clients (per radio)	1024	1024	512	256	256	256	256	256	256	256
Practical maximum client count indication (per radio)	150	150	100	75	100	100	100	75	50	30
Max Tx power (per radio chain, MCS0) 2.4GHz/5GHz	18 dBm 18 dBm	18 dBm 18 dBm	18 dBm 18 dBm	18 dBm 18 dBm	18 dBm 18 dBm	18 dBm 18 dBm	18 dBm 18 dBm	18 dBm 18 dBm	18 dBm 18 dBm	18 dBm 18 dBm
RF connectors (RP-SMA)	N/A	4xDB (AP-534)	2xDB + 2SB (AP-514)	2x RPSMA (AP-504)	4xDB + 4x5G (AP-344)	4xDB (AP-334)	2xDB + 2SB (AP-314)	2xDB + 2SB (AP-314)	3xDB (AP-304)	No

Maximum power consumption - active (excluding USB, PoE PSE)	32.6W (DC) 25.1W (1x 802.3at) 38.2W (802.3bt)	23.3W (DC) 23.3W (802.3at) 26.4W (802.3bt)	16.0W (DC) 13.5W (802.3af) 20.8W (802.3at/bt)	11W	20.0W/22.8W (DC) 13.5W (802.3af) 21.9W/25.1W (802.3at)	27W (DC) 13.2W (802.3af) 25.3W (802.3at)	18.5W (DC) 13.5W (802.3af) 20W (802.3at)	12.7W (DC) 13.6W (802.3af PoE) 14.4W (802.3at PoE)	12W (DC) 13W (PoE)	8.8W (303P - 11.5W) (DC) 10.1W (303P - 11.3W) (PoE)
consumption - idle (excluding USB, PoE PSE)	15.1W (DC) 15.0W (PoE)	14.3W (DC) 13.3W (PoE)	9.7 (DC) 12.6W (PoE)	6.1W	11W (DC/PoE)	10.9W (DC/PoE)	7W (DC) 8W (PoE)	5.9W (DC) 6.4W (PoE)	2.6W (DC) 3.7W (PoE)	(DC) 4.2W (303P - 4.2W)
Max power consumption deep sleep	3.6W (DC) 3.8W (PoE)	3.6W (DC) 3.8W (PoE)	1.5W (DC) 5.9W (PoE)	3.3W	N/A	N/A	N/A	N/A	N/A	N/A
Max IPsec encrypted wired throughput (RAP mode)	500	500	100	100	600	600	300	300	100	100