

MOBILITY CONTROLLER MATRIX





Features	Aruba 7200					Aruba 7000					Aruba 6000
	Aruba 7205	Aruba 7210	Aruba 7220	Aruba 7240	Aruba 7280	Aruba 7005	Aruba 7008	Aruba 7010	Aruba 7024	Aruba 7030	M3 – up to four per chassis
Maximum campus AP licenses	256	512	1,024	2,048	2,048	16	16	32	32	64	512
Maximum Remote AP licenses	256	512	1,024	2,048	2,048	16	16	32	32	64	1,024
Maximum concurrent users/devices	8,192	16,384	24,576	32,768	32,768	1,024	2,048	2,048	2,048	4,096	8,192
Maximum VLANs	2,048	4,094	4,094	4,094	4,094	4,094	4,094	4,094	4,094	4,094	2,048 Layer 2 1,400 Layer 3
Active firewall sessions	1,000,000	2,015,291	2,015,291	2,015,291	2,015,291	16,384	16,384	32,768	32,768	65,536	524,300
Concurrent GRE tunnels (system BSSIDs)	8,192	8,192	16,384	32,768	32,768	256	256	512	512	1,024	8,192
Concurrent IPsec sessions	4,096	16,384	24,576	32,768	32,768	512	512	1,024	1,024	2,048	4,096
Concurrent SSL fallback sessions	4,096	8,192	8,192	8,192	8,192	512	512	1,024	1,024	2,048	2,048
Mobility Access Switch Tunneled Node ports	4,096	8,192	12,288	16,384	16,384	512	512	1,024	1,024	2,048	4,096
Firewall throughput	12 Gbps	20 Gbps	40 Gbps	40 Gbps	100 Gbps	2 Gbps	2 Gbps	4 Gbps	4 Gbps	8 Gbps	20 Gbps
Encrypted throughput (3DES, AES-CBC)	6 Gbps	10 Gbps	30 Gbps	40 Gbps	80 Gbps	1.2 Gbps	1.2 Gbps	4.2 Gbps	4.2 Gbps	2.4 Gbps	8 Gbps
Encrypted throughput (AES-CCM)	4 Gbps Aprox	6 Gbps	20 Gbps	40 Gbps	80 Gbps	1.6 Gbps	1.6 Gbps	3.4 Gbps	3.4 Gbps	4Gbps	4 Gbps
Form factor/footprint	1 RU	1 RU	1 RU	1 RU	1 RU	4.1cm x 20cm x 20cm (1.6" x 7.9" x 7.9")	4.2 cm x 20.32 cm x 20.32cm (1.65" x 8.0" x 8.0")	4.4cm x 31.8cm x 33.7cm (1.7" x 12.5" x 13.3")	4.37 cm x 44.2 cm x 31.3 cm (1.72" x 17.4" x 12.32")	4.4cm x 30.5cm x 21.1cm (1.7" x 12" x 8.3")	4 RU
Auto-negotiating 10/100/1000BASE-T ports	4 (combo)	2 (combo)	2 (combo)	2 (combo)	2 RJ 45	4 RJ-45	8 RJ-45 / 8 SFP (combo)	16 RJ-45, 2 SFP	24 RJ-45, 2 SFP+	8 RJ-45 / 8 SFP (combo)	0
Gigabit Ethernet ports (GBIC or SFP)	4 (combo)	2 (combo)	2 (combo)	2 (combo)	N/A	N/A	N/A	N/A	N/A	N/A	10
10 Gigabit Ethernet ports (SFP+)	2 SFP+	4 SFP+	4 SFP+	4 SFP+	8 SFP+	N/A	N/A	N/A	N/A	N/A	2
Out-of-band management port	Yes (mUSB/RJ-45)	Yes (mUSB/RJ-45)	Yes (mUSB/RJ-45)	Yes (mUSB/RJ-45)	Yes (mUSB/RJ-45)	MGT: 0, CON: mUSB, USB: 1	MGT: 1, CON: mUSB+RJ45, USB: 2	MGT: 1, CON: mUSB+RJ45, USB: 2	MGT: 1, CON: microUSB+RJ45, USB: 1	MGT: 1, CON: mUSB+RJ45, USB: 1	Yes
Power-over-Ethernet ports	No	No	No	No	No	No	N/A	12 RJ45 (max 150W)	24 RJ45 (max 400W)	N/A	No
Power-options	Integrated AC power supply	Hot swappable dual redundant AC or DC power options	Hot swappable dual redundant AC or DC power options	Hot swappable dual redundant AC or DC power options	Hot swappable dual redundant AC or DC power options	PoE (port 1), External AC Adapter	N/A	Integrated AC power supply	Integrated AC power supply	Integrated AC power supply	No
Redundant power	No	Yes	Yes	Yes	Yes	No	No	No	No	No	Yes, in chassis
Maximum power consumption	75.2 watts	110 watts	125 watts	165 watts	240 watts	16.6 W (with USB)	126W with PoE (26W without PoE)	190 W (with PoE)	55 W	450 W (with PoE)	130 watts
USB ports	2	No	No	No	No	No	No	No	No	No	No
Legacy 802.11 standards support	802.11 a/b/g/n/ac										
Encryption types	WEP, TKIP, DES, AES-CCMP, 3DES, AES-CBC, xSec										
Authentication types	WPA-Enterprise, WPA-PSK, WPA2-Enterprise, WPA2-PSK, 802.1X, MAC address, captive portal										
Management capabilities	SNMP, web, CLI using SSH, telnet and console port (7200 Series)										
Hardware warranty	One year										
Software warranty	90 days										

Enterprise-grade Wi-Fi access points

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MOBILITY CONTROLLER MATRIX					
Features	Aruba 3000			Aruba 600	
	Aruba 3200	Aruba 3400	Aruba 3600	Aruba 620	Aruba 650
					
Maximum campus AP licenses	32	64	128	8	16
Maximum Remote AP licenses	128	256	512	32	64
Maximum concurrent users/devices	2,048	4,096	8,192	256	512
Maximum VLANs	128	256	512	128	128
Active firewall sessions	128	128	128	8,192	16,384
Concurrent GRE tunnels (system BSSIDs)	2,048	4,096	8,192	512	1,024
Concurrent IPsec sessions	2,048	4,096	4,096	256	512
Concurrent SSL fallback sessions	512	1,024	2,048	128	256
Mobility Access Switch Tunneled Node ports	256	512	1,024	48	96
Firewall throughput	3 Gbps	4 Gbps	4 Gbps	800 Mbps	2 Gbps
Encrypted throughput (3DES, AES-CBC)	1.6 Gbps	4 Gbps	8 Gbps	400 Mbps	1.6 Gbps
Encrypted throughput (AES-CCM)	800 Mbps	2 Gbps	4 Gbps	320 Mbps	800 Mbps
Form factor/footprint	1 RU	1 RU	1 RU	Desktop	Desktop
Auto-negotiating 10/100/1000BASE-T ports	4	4	4	8	0
Gigabit Ethernet ports (GBIC or SFP)	4	4	4	1	6
10 Gigabit Ethernet ports (XFP)	NA	NA	NA	0	2
Out-of-band management port	No	No	No	No	No
Power-over-Ethernet ports	No	No	No	4	4
Power-over-Ethernet	No	No	No	802.3af, PoE+	802.3af, PoE+
Redundant power	No	No	No	–	–
Maximum power consumption	35 watts	45 watts	60 watts	115 watts	126 watts
USB ports	No	No	No	1	4
Legacy 802.11 standards support	802.11 a/b/g/n				
Encryption types	WEP, TKIP, DES, AES-CCMP, 3DES, AES-CBC, xSec				
Authentication types	WPA-Enterprise, WPA-PSK, WPA2-Enterprise, WPA2-PSK, 802.1X,				
	MAC address, captive portal				
Management capabilities	SNMP, web, CLI using SSH, telnet and console port				
Hardware warranty	One year				
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