



**ARUBA**<sup>®</sup>  
networks



## PRODUCT LINE MATRIX: Mobility Controllers



## ARUBA 6000 AND 3000 CONTROLLERS WITH ARUBAOS 6.1

Features	6000 Modular Controller		3000 Series Regional Office Controller		
	Chassis	M3 Supervisor Card	Aruba 3200	Aruba 3400	Aruba 3600
Max number of LAN-connected APs per controller	2,048	512	32	64	128
Max number of Remote APs per controller	4,096	1,024	128	256	512
Max number of wired APs per controller	512	128	8	16	32
Number of ports tunneled	4096	1024	128	256	512
Max number of users per controller	32,768	8,192	2,048	4,096	8,192
MAC addresses	256,000	64,000	64,000	64,000	64,000
VLAN IP interfaces	5,600	1,400	128	256	512
Number of IPv4 unicast routes	8,192	2,048	2,048	2,048	2,048
Max auto-negotiating 10/100/1000BASE-T ports	0	0	4	4	4
Max Gigabit Ethernet ports (SFP)	40	10	4	4	4
Max 10 Gig Ethernet ports (XFP)	8	2	NA	NA	NA
Form factor/footprint	< 4 RU	NA	1 RU	1 RU	1 RU
Active firewall sessions	2,097,200	524,300	128,000	128,000	128,000
System BSSIDs	16,384	4,096	256	512	1,024
Concurrent IPSec tunnels	16,384	4,096	2,048	4,096	4,096
Firewall throughput	80 Gbps	20 Gbps	3 Gbps	4 Gbps	4 Gbps
Encrypted throughput (3DES, AESCBC256)	32 Gbps	8 Gbps	1.6 Gbps	4 Gbps	8 Gbps
Encrypted throughput (AES-CCM)	16 Gbps	4 Gbps	800 Mbps	2 Gbps	4 Gbps
Out-of-band management port	Yes	Yes	No	No	No
Redundant power	Yes	NA	No	No	No
Redundant fans	Yes	NA	Yes	Yes	Yes
Max power consumption	1384 W	130 W	35 W	45 W	60 W
802.11 WLAN	802.11a/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				
Wi-Fi certified	Yes				
Management capabilities	SNMP, Web, CLI using SSH, Telnet and console port				
Hardware warranty	1 year				
Software warranty	90 days				



## ARUBA 6000 AND 3000 CONTROLLERS WITH ARUBAOS 6.0

Features	6000 Modular Controller		3000 Series Regional Office Controller		
	Chassis	M3 Supervisor Card	Aruba 3200	Aruba 3400	Aruba 3600
Max number of LAN-connected APs per controller	2,048	512	32	64	128
Max number of Remote APs per controller	4,096	1,024	128	256	512
Max number of users per controller	32,768	8,192	2,048	4,096	8,192
MAC addresses	256,000	64,000	64,000	64,000	64,000
VLAN IP interfaces	5,600	1,400	128	256	512
Number of IPv4 unicast routes	8,192	2,048	2,048	2,048	2,048
Max auto-negotiating 10/100/1000BASE-T ports	0	0	4	4	4
Max Gigabit Ethernet ports (SFP)	40	10	4	4	4
Max 10 Gig Ethernet ports (XFP)	8	2	NA	NA	NA
Form factor/footprint	< 4 RU	NA	1 RU	1 RU	1 RU
Active firewall sessions	2,097,200	524,300	128,000	128,000	128,000
System BSSIDs	16,384	4,096	256	512	1,024
Concurrent IPSec tunnels	16,384	4,096	2,048	4,096	4,096
Firewall throughput	80 Gbps	20 Gbps	3 Gbps	4 Gbps	4 Gbps
Encrypted throughput (3DES, AESCBC256)	32 Gbps	8 Gbps	1.6 Gbps	4 Gbps	8 Gbps
Encrypted throughput (AES-CCM)	16 Gbps	4 Gbps	800 Mbps	2 Gbps	4 Gbps
Out-of-band management port	Yes	Yes	No	No	No
Redundant power	Yes	NA	No	No	No
Redundant fans	Yes	NA	Yes	Yes	Yes
Max power consumption	1384 W	130 W	35 W	45 W	60 W
802.11 WLAN	802.11a/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				
Wi-Fi certified	Yes				
Management capabilities	SNMP, Web, CLI using SSH, Telnet and console port				
Hardware warranty	1 year				
Software warranty	90 days				



## BRANCH OFFICE CONTROLLERS WITH ARUBAOS 6.0

Features	Aruba 620	Aruba 650	Aruba 651
Max number of LAN-connected APs per controller	8	16	17
Max number of Remote APs per controller	32	64	64
Integrated AP	No	No	Yes
Max number of users per controller	256	512	512
MAC addresses	2,048	2,048	2,048
VLAN IP interfaces	128	128	128
Number of IPv4 unicast routes	2,048	2,048	2,048
Max auto-negotiating 10/100BASE-T ports	8	0	0
Max auto-negotiating 10/100/1000BASE-T ports	1	6	6
Max Gigabit Ethernet ports (GBIC or SFP)	0	2	2
USB ports	1	4	4
ExpressCard® slot	Yes	Yes	Yes
Form factor/footprint	Desktop	Desktop	Desktop
Active firewall sessions	8,192	16,384	16,384
System BSSIDs	64	128	128
Concurrent IPSec tunnels	256	512	512
Concurrent SSL fallback tunnels	256	512	512
Total tunnels	320	640	640
Firewall throughput	800 Mbps	2 Gbps	2 Gbps
Encrypted throughput (3DES, AESCBC256)	400 Mbps	1.6 Gbps	1.6 Gbps
Encrypted throughput (AES-CCM)	320 Mbps	800 Mbps	800 Mbps
Power-over-Ethernet	802.3af, PoE+	802.3af, PoE+	802.3af, PoE+
Power-over-Ethernet ports	4	4	4
Max power consumption	115 W	126 W	126 W
802.11 WLAN	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		
Advanced features	File server/NAS, print server		
Hardware warranty	1 year		
Software warranty	90 days		



## ARUBA 6000 MODULAR CONTROLLER WITH ARUBAOS 5.0

Features	Aruba 6000 Chassis	Supervisor Card			
		SC-48-C1	SC-128-C1	SC-256-C2	M3
Max number of LAN-connected APs per controller	2,048	48	128	128	512
Max number of Remote APs per controller	4,096	48	128	128	1,024
Max number of users per controller	32,768	2,048	2,048	2,048	8,192
MAC addresses	256,000	64,000	64,000	64,000	64,000
VLAN IP interfaces	5,600	128	128	128	1,400
Number of IPv4 unicast routes	8,192	2,048	2,048	2,048	2,048
Max auto-negotiating 10/100BASE-T ports	72	NA	NA	NA	0
Max auto-negotiating 10/100/1000BASE-T ports	0	NA	NA	NA	0
Max Gigabit Ethernet ports (GBIC or SFP)	40	NA	NA	NA	10
Max 10 Gig Ethernet ports (XFP)	8	NA	NA	NA	2
Form factor/footprint	<4RU	NA	NA	NA	NA
Active firewall sessions	2,097,200	256,000	256,000	256,000	524,300
System BSSIDs	16,384	384	1,024	1,024	4,096
Concurrent IPsec tunnels	16,384	2,048	2,048	2,048	4,096
Firewall throughput	80 Gbps	4 Gbps	4 Gbps	4 Gbps	20 Gbps
Encrypted throughput (3DES, AESCBC256)	32 Gbps	1.8 Gbps	1.8 Gbps	3.6 Gbps	8 Gbps
Encrypted throughput (AES-CCM)	16 Gbps	1.8 Gbps	1.8 Gbps	3.6 Gbps	4 Gbps
Power-over-Ethernet (802.3af)	Yes	NA	NA	NA	NA
Serial-over-Ethernet	Yes	NA	NA	NA	NA
Out-of-band management port	Yes	Yes	Yes	Yes	Yes
Redundant power	Yes	NA	NA	NA	NA
Redundant supervisor cards	Yes	NA	NA	NA	NA
Redundant fans	Yes	NA	NA	NA	NA
Max power consumption	1384 W	40 W	40 W	40 W	130 W
802.11 WLAN	802.11a/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				
Wi-Fi certified	Yes				
Management capabilities	SNMP, Web, CLI using SSH, Telnet and console port				
Hardware warranty	1 year				
Software warranty	90 days				



## REGIONAL OFFICE CONTROLLERS WITH ARUBAOS 5.0

Features	Aruba 200	Aruba 800	Aruba 2400	Aruba 3000 Series		
				Aruba 3200	Aruba 3400	Aruba 3600
Max number of LAN-connected APs per controller	8	16	48	32	64	128
Max number of Remote APs per controller	8	16	48	128	256	512
Max number of users per controller	100	256	768	2,048	4,096	8,192
MAC addresses	4,096	4,096	4,096	64,000	64,000	64,000
VLAN IP interfaces	128	128	128	128	256	512
Number of IPv4 unicast routes	2,048	2,048	2,048	2,048	2,048	2,048
Max auto-negotiating 10/100BASE-T ports	1	8	24	0	0	0
Max auto-negotiating 10/100/1000BASE-T ports	1	1	0	4	4	4
Max Gigabit Ethernet ports (GBIC or SFP)	0	1	2	4	4	4
Form factor/footprint	<1RU	1RU	1RU	1RU	1RU	1RU
Active firewall sessions	32,000	64,000	64,000	128,000	128,000	128,000
System BSSIDs	64	128	384	256	512	1,024
Concurrent IPSec tunnels	100	256	768	2,048	4,096	4,096
Firewall throughput	1 Gbps	1 Gbps	2 Gbps	3 Gbps	4 Gbps	4 Gbps
Encrypted throughput (3DES, AESCBC256)	200 Mbps	200 Mbps	400 Mbps	1.6 Gbps	4 Gbps	8 Gbps
Encrypted throughput (AES-CCM)	200 Mbps	200 Mbps	400 Mbps	800 Mbps	2 Gbps	4 Gbps
Power-over-Ethernet	No	802.3af	802.3af	No	No	No
Power-over-Ethernet ports	0	8	24	0	0	0
Serial-over-Ethernet	No	Yes	Yes	No	No	No
Max power consumption	12 W	200 W	300 W	35 W	45 W	60 W
802.11 WLAN	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					
Wi-Fi certified	Yes					
Management capabilities	SNMP, Web, CLI using SSH, Telnet and console port					
Hardware warranty	1 year					
Software warranty	90 days					



## BRANCH OFFICE CONTROLLERS WITH ARUBAOS 5.0

Features	Aruba 620	Aruba 650	Aruba 651
Max number of LAN-connected APs per controller	8	16	17
Max number of Remote APs per controller	32	64	64
Integrated AP	No	No	Yes
Max number of users per controller	256	512	512
MAC addresses	2,048	2,048	2,048
VLAN IP interfaces	128	128	128
Number of IPv4 unicast routes	2,048	2,048	2,048
Max auto-negotiating 10/100BASE-T ports	8	0	0
Max auto-negotiating 10/100/1000BASE-T ports	1	6	6
Max Gigabit Ethernet ports (GBIC or SFP)	0	2	2
USB ports	1	4	4
ExpressCard® slot	Yes	Yes	Yes
Form factor/footprint	Desktop	Desktop	Desktop
Active firewall sessions	8,192	16,384	16,384
System BSSIDs	64	128	128
Concurrent IPSec tunnels	256	512	512
Concurrent SSL fallback tunnels	256	512	512
Total tunnels	320	640	640
Firewall throughput	800 Mbps	2 Gbps	2 Gbps
Encrypted throughput (3DES, AESCBC256)	400 Mbps	1.6 Gbps	1.6 Gbps
Encrypted throughput (AES-CCM)	320 Mbps	800 Mbps	800 Mbps
Power-over-Ethernet	802.3af, PoE+	802.3af, PoE+	802.3af, PoE+
Power-over-Ethernet ports	4	4	4
Max power consumption	115 W	126 W	126 W
802.11 WLAN	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		
Advanced features	File server/NAS, print server		
Hardware warranty	1 year		
Software warranty	90 days		



## ARUBA 6000 MODULAR CONTROLLER WITH ARUBAOS 3.4

Features	Aruba 6000 Chassis	Supervisor Card			
		SC-48-C1	SC-128-C1	SC-256-C2	M3
Max number of LAN-connected APs per controller	2,048	48	128	256	512
Max number of Remote APs per controller	4,096	48	128	256	1,024
Max number of users per controller	32,768	2,048	2,048	2,048	8,192
MAC addresses	256,000	64,000	64,000	64,000	64,000
VLAN IP interfaces	512	128	128	128	128
Number of IPv4 unicast routes	8,192	2,048	2,048	2,048	2,048
Max auto-negotiating 10/100BASE-T ports	72	NA	NA	NA	0
Max auto-negotiating 10/100/1000BASE-T ports	0	NA	NA	NA	0
Max Gigabit Ethernet ports (GBIC or SFP)	40	NA	NA	NA	10
Max 10 Gig Ethernet ports (XFP)	8	NA	NA	NA	2
Form factor/footprint	<4RU	NA	NA	NA	NA
Active firewall sessions	2,097,200	256,000	256,000	256,000	524,300
System BSSIDs	16,384	384	1,024	2,048	4,096
Concurrent IPsec tunnels	16,384	2,048	2,048	2,048	4,096
Firewall throughput	80 Gbps	4 Gbps	4 Gbps	4 Gbps	20 Gbps
Encrypted throughput (3DES, AESCBC256)	32 Gbps	1.8 Gbps	1.8 Gbps	3.6 Gbps	8 Gbps
Encrypted throughput (AES-CCM)	16 Gbps	1.8 Gbps	1.8 Gbps	3.6 Gbps	4 Gbps
Power-over-Ethernet (802.3af)	Yes	NA	NA	NA	NA
Serial-over-Ethernet	Yes	NA	NA	NA	NA
Out-of-band management port	Yes	Yes	Yes	Yes	Yes
Redundant power	Yes	NA	NA	NA	NA
Redundant supervisor cards	Yes	NA	NA	NA	NA
Redundant fans	Yes	NA	NA	NA	NA
Max power consumption	1384 W	40 W	40 W	40 W	130 W
802.11 WLAN	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				
Wi-Fi certified	Yes				
Management capabilities	SNMP, Web, CLI using SSH, Telnet and console port				
Hardware warranty	1 year				
Software warranty	90 days				



## REGIONAL OFFICE CONTROLLERS WITH ARUBAOS 3.4

Features	Aruba 200	Aruba 800	Aruba 2400	Aruba 3000 Series		
				Aruba 3200	Aruba 3400	Aruba 3600
Max number of LAN-connected APs per controller	8	16	48	32	64	128
Max number of Remote APs per controller	8	16	48	128	256	512
Max number of users per controller	100	256	768	2,048	4,096	8,192
MAC addresses	4,096	4,096	4,096	64,000	64,000	64,000
VLAN IP interfaces	128	128	128	128	128	128
Number of IPv4 unicast routes	2,048	2,048	2,048	2,048	2,048	2,048
Max auto-negotiating 10/100BASE-T ports	1	8	24	0	0	0
Max auto-negotiating 10/100/1000BASE-T ports	1	1	0	4	4	4
Max Gigabit Ethernet ports (GBIC or SFP)	0	1	2	4	4	4
Form factor/footprint	<1RU	1RU	1RU	1RU	1RU	1RU
Active firewall sessions	32,000	64,000	64,000	128,000	128,000	128,000
System BSSIDs	64	128	384	256	512	1,024
Concurrent IPSec tunnels	100	256	768	2,048	4,096	4,096
Firewall throughput	1 Gbps	1 Gbps	2 Gbps	3 Gbps	4 Gbps	4 Gbps
Encrypted throughput (3DES, AESCBC256)	200 Mbps	200 Mbps	400 Mbps	1.6 Gbps	4 Gbps	8 Gbps
Encrypted throughput (AES-CCM)	200 Mbps	200 Mbps	400 Mbps	800 Mbps	2 Gbps	4 Gbps
Power-over-Ethernet	No	802.3af	802.3af	No	No	No
Power-over-Ethernet ports	0	8	24	0	0	0
Serial-over-Ethernet	No	Yes	Yes	No	No	No
Max power consumption	12 W	200 W	300 W	35 W	45 W	60 W
802.11 WLAN	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					
Wi-Fi certified	Yes					
Management capabilities	SNMP, Web, CLI using SSH, Telnet and console port					
Hardware warranty	1 year					
Software warranty	90 days					



## BRANCH OFFICE CONTROLLERS WITH ARUBAOS 3.4

Features	Aruba 620	Aruba 650	Aruba 651
Max number of LAN-connected APs per controller	8	16	17
Max number of Remote APs per controller	32	64	64
Integrated AP	No	No	Yes
Max number of users per controller	256	512	512
MAC addresses	2,048	2,048	2,048
VLAN IP interfaces	128	128	128
Number of IPv4 unicast routes	2,048	2,048	2,048
Max auto-negotiating 10/100BASE-T ports	8	0	0
Max auto-negotiating 10/100/1000BASE-T ports	1	6	6
Max Gigabit Ethernet ports (GBIC or SFP)	0	2	2
USB ports	1	4	4
ExpressCard® slot	Yes	Yes	Yes
Form factor/footprint	Desktop	Desktop	Desktop
Active firewall sessions	8,192	16,384	16,384
System BSSIDs	64	128	128
Concurrent IPSec tunnels	256	512	512
Firewall throughput	800 Mbps	2 Gbps	2 Gbps
Encrypted throughput (3DES, AESCBC256)	400 Mbps	1.6 Gbps	1.6 Gbps
Encrypted throughput (AES-CCM)	320 Mbps	800 Mbps	800 Mbps
Power-over-Ethernet	802.3af, PoE+	802.3af, PoE+	802.3af, PoE+
Power-over-Ethernet ports	4	4	4
Max power consumption	115 W	126 W	126 W
802.11 WLAN	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		
Advanced features	File server/NAS, print server		
Hardware warranty	1 year		
Software warranty	90 days		



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