



## ARUBA 6000 MODULAR CONTROLLER

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 Access Points per controller	8,192	48	128	256	2,048
Max number of users per controller	32,768	4,096	4,096	4,096	8,192
MAC Addresses	256,000	64,000	64,000	64,000	64,000
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
Concurrent IPsec Tunnels	32,768	4,096	4,096	4,096	8,192
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

Features	Aruba 200	Aruba 800		Aruba 2400	Aruba 3000 Series		
		Aruba 804	Aruba 800		Aruba 3200	Aruba 3400	Aruba 3600
Max number of LAN-connected APs per controller	8	4	16	48	32	64	128
Max number of Remote Access Points per controller	8	4	16	48	128	256	512
Max number of users per controller	100	256	256	768	2,048	4,096	8,192
MAC Addresses	4,096	4,096	4,096	4,096	64,000	64,000	64,000
Max auto-negotiating 10/100BASE-T Ports	1	8	8	24	0	0	0
Max auto-negotiating 10/100/1000BASE-T Ports	1	1	1	0	4	4	4
Max Gigabit Ethernet Ports (GBIC or SFP)	0	1	1	2	4	4	4
Form Factor / Footprint	<1RU	1RU	1RU	1RU	1RU	1RU	1RU
Active Firewall Sessions	32,000	64,000	64,000	64,000	128,000	128,000	128,000
Concurrent IPsec Tunnels	100	256	256	768	512	1,024	2,048
Firewall Throughput	1 Gbps	1 Gbps	1 Gbps	2 Gbps	3 Gbps	4 Gbps	4 Gbps
Encrypted Throughput (3DES, AESCBC256)	200 Mbps	200 Mbps	200 Mbps	400 Mbps	1.6 Gbps	4 Gbps	8 Gbps
Encrypted Throughput (AES-CCM)	200 Mbps	200 Mbps	200 Mbps	400 Mbps	800 Mbps	2 Gbps	4 Gbps
Power-over-Ethernet	No	802.3af	802.3af	802.3af	No	No	No
Power-over-Ethernet Ports	0	8	8	24	0	0	0
Serial-over-Ethernet	No	Yes	Yes	Yes	No	No	No
Max power consumption	12 W	200 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

Features	Aruba 620	Aruba 650	Aruba 651
Max number of LAN-connected APs per controller	8	16	17
Max number of Remote Access Points 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
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
Max 10 Gig Ethernet Ports (XFP)	0	0	0
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
Concurrent IPsec Tunnels	128	256	256
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
Serial-over-Ethernet	No	No	No
Max power consumption	115W	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		