



MOBILITY CONTROLLER PRODUCT LINE MATRIX

Features	MC-200	MC-800		MC-2400	MMC-3000 Series		
		MC-804	MC-800		MMC-3200	MMC-3400	MMC-3600
Max number of campus-connected APs per controller	6	4	16	48	32	64	128
Max number of Remote APs per controller	6	4	16	48	128	256	512
Max number of users per controller	100	256	256	768	512	1,024	2,048
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 (802.3af)	No	Yes	Yes	Yes	No	No	No
Serial-over-Ethernet	No	Yes	Yes	Yes	No	No	No
802.11 WLAN	802.11 a/b/g/n						
Multi-band RF Monitoring	Yes						
Encryption Types	WEP, dynamic WEP, TKIP, WPA, WPA-2, DES, 3DES, AES-CCMP, AES-CBC, EAP, PEAP, TLS, TTLS, LEAP, EAP-FAST, xSec-L2 AES						
802.1X	Yes						
Captive Portal	Yes						
MAC Addresses Authentication	Yes						
Network Address Translation	Yes						
Wi-Fi Certified	Yes						
Policy-based Quality of Service (QoS)	Yes						
Web-based Management (HTTP and HTTPS)	Yes						
Switch Management Capabilities	SNMP, Web, SLI using SSH, Telnet and console port						
Hardware Warranty	1 year						
Software Warranty	90 days						



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Features	MMC-6000	MMC-6000 Supervisor Card			M3
		SC-48-C1	SC-128-C1	SC-256-C2	
Max number of campus-connected APs per controller	2,048	48	128	256	512
Max number of Remote APs 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
802.11 WLAN	802.11 a/b/g/n				
Multi-band RF Monitoring	Yes				
Encryption Types	WEP, dynamic WEP, TKIP, WPA, WPA-2, DES, 3DES, AES-CCMP, AES-CBC, EAP, PEAP, TLS, TTLS, LEAP, EAP-FAST, xSec-L2 AES				
802.1X	Yes				
Captive Portal	Yes				
MAC Addresses Authentication	Yes				
Network Address Translation	Yes				
Wi-Fi Certified	Yes				
Policy-based Quality of Service (QoS)	Yes				
Web-based Management (HTTP and HTTPS)	Yes				
Switch Management Capabilities	SNMP, Web, SLI using SSH, Telnet and console port				
Hardware Warranty	1 year				
Software Warranty	90 days				

*Software upgrade path to an estimated 10 Gbps encrypted throughput