

# PRODUCT LINE MATRIX: WIRELESS LAN (WLAN) CONTROLLER

## WIRELESS LAN (WLAN) CONTROLLER PRODUCT LINE MATRIX

### OMNIACCESS 4000 WLAN CONTROLLERS



	<b>OAW-4005</b>	<b>OAW-4010</b>	<b>OAW-4030</b>
Maximum campus AP licenses	16	32	64
Maximum Remote AP licenses	16	32	64
Maximum concurrent users/devices	1,024	2,048	4,096
Maximum VLANS	4,094	4,094	4,094
Active firewall sessions	16,384	32,768	65,536
Concurrent GRE tunnels (system BSSIDS)	512	1,024	2,048
Concurrent IP sec sessions	512	1,024	2,048
Concurrent SSL fallback sessions	512	1,024	2,048
Firewall throughput	2 Gbps	4 Gbps	8 Gbps
Encrypted throughput (3DES , AES -CBC)	1.2 Gbps	2.4 Gbps	2.4 Gbps
Encrypted throughput (AES-CCM)	2.2 Gbps	3.6 Gbps	4.4 Gbps
DIMENSIONS (H x W x D)	4.1cm x 20cm x 20cm (1.6" x 7.9" x 7.9")	4.4cm x 31.8cm x 33.7cm (1.7" x 12.5" x 13.3")	4.4cm x 30.5cm x 21.1cm (1.7" x 12" x 8.3")
10/100/1000BASE -T ports	4 RJ-45	16 RJ-45, 2 SFP	8 RJ-45 / 8 SFP (combo)
10 Gigabit Ethernet ports (SFP+)	N/A	N/A	N/A
MANAGEMENTPORTS ,CONSOLE , USB	MGT: 0, CON : mUSB, USB: 1	MGT: 1, CON : mUSB+RJ45, USB: 2	MGT: 1, CON: mUSB+RJ45, USB: 1

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	OAW-4005	OAW-4010	OAW-4030
Power-over-Ethernet ports (802.3af/802.3at)	No	12 RJ45 (max 150W)	No
Power options	PoE (port 1), External AC Adapter	Integrated AC power supply	Integrated AC power supply
Redundant power	No	No	No
Maximum power consumption	16.6 watts	190 watts (with PoE)	55 watts
WI-FI standards support	802.11 a/b/g/n/ac		
Encryption types	WEP, TKIP, DES, AES-CCMP, 3DES, AES CBC		
Authentication types	WPA-Enterprise, WPA-PSK, WPA2-Enterprise, WPA2-PSK, 802.1X, MAC address, captive portal		
Hardware warranty	One year		
Software warranty	90 days		
Minimum Arubaos Version	6.4.1.0		

# WIRELESS LAN (WLAN) CONTROLLER PRODUCT LINE MATRIX

## OMNIACCESS 4X50 WLAN CONTROLLER



	<b>OAW-4450</b>	<b>OAW-4550</b>	<b>OAW-4650</b>	<b>OAW-4750</b>
Maximum campus AP licenses	256	512	1,024	2,048
Maximum Remote AP licenses	256	512	1,024	2,048
Maximum concurrent users/devices	8192	16,384	24,576	32,768
Maximum VLANs	2048	4,094	4,094	4,094
Active firewall sessions	1,000,000	2,015,291	2,015,291	2,015,291
Concurrent GRE tunnels (system BSSIDs)	4096	8,192	16,384	32,768
Concurrent IPsec sessions	4096	16,384	24,576	32,768
Concurrent SSL fallback sessions	4096	8,192	8,192	8,192
Firewall throughput	15 Gbps	20 Gbps	40 Gbps	40 Gbps
Encrypted throughput (3DES, AES-CBC)	10 Gbps	10 Gbps	30 Gbps	40 Gbps
Encrypted throughput (AES-CCM)	6 Gbps	6 Gbps	20 Gbps	40 Gbps
Form factor/footprint	1 RU	1 RU	1 RU	1 RU
Auto-negotiating 10/100/1000BASE-T ports	4 RJ-45 / 4 SFP (combo)	2 (combo)	2 (combo)	2 (combo)
Gigabit Ethernet ports (GBIC or SFP)	2 (combo)	2 (combo)	2 (combo)	2 (combo)
10 Gigabit Ethernet ports (XFP)	2 SFP+	4 SFP+	4 SFP+	4 SFP+
Out-of-band management port	Yes (mUSB/RJ45)	Yes (mUSB/RJ-45)	Yes (mUSB/RJ-45)	Yes (mUSB/RJ-45)

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## OMNIACCESS 4X50 WLAN CONTROLLER



	<b>OAW-4450</b>	<b>OAW-4550</b>	<b>OAW-4650</b>	<b>OAW-4750</b>
Power-over-Ethernet ports	No	No	No	No
Power-over-Ethernet	No	No	No	No
Redundant power	No	Yes	Yes	Yes
Maximum power consumption	75.2 Watts	110 watts	125 watts	165 watts
USB ports	1	No	No	No
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			
Software warranty	90 days			

# WIRELESS LAN (WLAN) CONTROLLER PRODUCT LINE MATRIX

## OMNIACCESS 4504XM, 4604 AND 4704 WLAN



	<b>OAW 4504XM</b>	<b>OAW 4604</b>	<b>OAW 4704</b>
Maximum campus AP licenses	32	64	128
Maximum Remote AP licenses	128	256	512
Maximum concurrent users/devices	2,048	4,096	8,192
Maximum VLANs	128	256	512
Active firewall sessions	128,000	128,000	128,000
Concurrent GRE tunnels (system BSSIDs)	2,048	4,096	8,192
Concurrent IPsec sessions	2,048	4,096	4,096
Concurrent SSL fallback sessions	512	1,024	2,048
Mobility Access Switch Tunneled Node ports	256	512	1,024
Firewall throughput	3 Gbps	4 Gbps	4 Gbps
Encrypted throughput (3DES, AES-CBC)	1.6 Gbps	4 Gbps	8 Gbps
Encrypted throughput (AES-CCM)	800 Mbps	2 Gbps	4 Gbps
Form factor/footprint	1 RU	1 RU	1 RU
Auto-negotiating 10/100/1000BASE-T ports	4	4	4
Gigabit Ethernet ports (GBIC or SFP)	4	4	4
10 Gigabit Ethernet ports (XFP)	NA	NA	NA
Out-of-band management port	No	No	No

# WIRELESS LAN (WLAN) CONTROLLER PRODUCT LINE MATRIX

## OMNIACCESS 4504XM, 4604 AND 4704 WLAN



	<b>OAW 4504XM</b>	<b>OAW 4604</b>	<b>OAW 4704</b>
Power-over-Ethernet ports	No	No	No
Power-over-Ethernet	No	No	No
Redundant power	No	No	No
Maximum power consumption	35 watts	45 watts	60 watts
USB ports	No	No	No
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		
Software warranty	90 days		