

# ARUBA 3000 SERIES MOBILITY CONTROLLERS

Provides Secure Remote Network Connectivity



High-performance, standalone 3000 series Mobility Controllers from Aruba deliver a wide range of network services to medium and large regional offices. The 3000 series supports up to 8,192 users and performs stateful firewall policy enforcement at speeds up to 4 Gbps.

Through secure IP tunnels, Aruba access points (APs) and Mobility Access Switches move traffic to the 3000 series over a public or private transport network and provide local bridging at the access layer, depending on the end user application or IT traffic forwarding requirements.

In addition to supporting up to 128 APs or 32 Mobility Access Switches, the 3000 series can support up to 512 Remote APs (RAPs) when deployed in the data center as part of an Aruba Virtual Branch Network™ (VBN™).

The 3000 series also manages authentication, encryption, virtual private network (VPN) connections, IPv4 and IPv6 Layer 3 networking, the Aruba Policy Enforcement Firewall (PEF), Aruba Adaptive Radio Management (ARM), and Aruba RFProtect™ Spectrum Analysis and Wireless Intrusion Protection capabilities.

Clustering and centralized management enable the deployment of large networks with hundreds of Mobility Controllers with minimal staff. A master Mobility Controller can manage local Mobility Controllers, while AirWave® provides enterprise-wide clarity and control through real-time monitoring, historical reporting and troubleshooting.

## PERFORMANCE AND CAPACITY

Feature	3200	3400	3600
LAN-connected APs (max) <sup>1</sup>	32	64	128
Remote Access Points (max) <sup>1</sup>	128	256	512
Wired Access Points (max) <sup>1</sup>	8	16	32
Users (max) <sup>2</sup>	2,048	4,096	8,192
MAC addresses	64,000	64,000	64,000
VLAN IP interfaces	128	256	512
Number of IPv4 unicast routes	2,048	2,048	2,048
Active firewall sessions	128,000	128,000	128,000
Concurrent IPSec tunnels (max)	2048	4096	4096
System BSSIDs	512	4096	8192
Firewall throughput	3 Gbps	4 Gbps	4 Gbps
Encrypted throughput (3DES, AESCBC256)	1.6 Gbps	4 Gbps	8 Gbps
Encrypted throughput (AES-CCM)	0.8 Gbps	2 Gbps	4 Gbps

<sup>1</sup> Capacity determined by AP, PEF, and RFP software licenses

<sup>2</sup> Capacity determined by PEF software licenses

## INTERFACES

- Console (RS-232) RJ-45
- 4x Gigabit Ethernet (10/100/1000BASE-T)\*
- 4x Gigabit Ethernet (1000BASE-X) SFP\*

\* Dual-personality ports – 10/100/1000BASE-T or pluggable module

## OPERATING SPECIFICATIONS AND DIMENSIONS

- Operating temperature range: 0° C to 40° C
- Storage temperature range: -40° C to 70° C
- Humidity, non-condensing: 5% to 95%
- Height: 1.75" (44 mm)
- Width: 13.8" (351 mm)
- Depth: 11.7" (297 mm)
- Weight (Aruba 3200): 7.1 lbs/3.2 kgs (unboxed)
- Weight (Aruba 3400/3600): 7.4 lbs/3.4 kgs (unboxed)

## POWER SPECIFICATIONS

### Aruba 3200

- AC input voltage: 90-264 V, Universal Input
- AC input current: 1.5 A
- AC input frequency: 47-63 Hz
- Maximum power consumption: 35 watts

**POWER SPECIFICATIONS (CONTINUED)****Aruba 3400**

- AC input voltage: 90-264 V, Universal Input
- AC input current: 2.2 A
- AC input frequency: 47-63 Hz
- Maximum power consumption: 45 watts

**Aruba 3600**

- AC input voltage: 90-264 V, Universal Input
- AC input current: 2.2 A
- AC input frequency: 47-63 Hz
- Maximum power consumption: 60 watts

**REGULATORY AND SAFETY COMPLIANCE**

- FCC part 15 Class A CE
- Industry Canada Class A
- VCCI Class A (Japan)
- EN 55022 Class A (CISPR 22 Class A), EN 61000-3,
- EN 61000-4-2, EN 61000-4-3, EN 61000-4-4,
- EN 61000-4-5, EN 61000-4-6, EN 61000-4-8,
- EN 61000-4-11, EN 55024, AS/NZS 3548
- UL 60950, EN60950
- CAN/CSA 22.2 #60950
- CE mark, cTUVus, GS, CB, C-tick, Anatel, NOM, MIC, IQC

**WARRANTY**

- Hardware: 1 year parts/labor\*
  - Software: 90 days\*
- \* Extended with support contract

<b>Ordering Information</b>	
<b>Part Number</b>	<b>Description</b>
<b>Aruba 3200</b>	
3200XM	Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP support, unrestricted regulatory domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States or Israel
3200XM-US	Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP support, restricted regulatory domain - US
3200XM-IL	Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP support, restricted regulatory domain - IL
3200XM-8	Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 8 AP support, unrestricted regulatory domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States or Israel
3200XM-8-US	Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 8 AP support, restricted regulatory domain - US
3200XM-8-IL	Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 8 AP support, restricted regulatory domain - IL
<b>Aruba 3400</b>	
3400	Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP support, unrestricted regulatory domain
3400-US	Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP support, restricted regulatory domain - US
3400-IL	Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP support, restricted regulatory domain - IL
3400-32	Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 32 AP support, unrestricted regulatory domain
3400-32-US	Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 32 AP support, restricted regulatory domain - US
3400-32-IL	Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 32 AP support, restricted regulatory domain - IL
<b>Aruba 3600</b>	
3600	Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports , 0 AP support, unrestricted regulatory Domain
3600-US	Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports , 0 AP support, restricted regulatory domain - US
3600-IL	Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports , 0 AP support, restricted regulatory Domain - IL
3600-64	Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 64 AP support, unrestricted regulatory domain
3600-64-US	Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 64 AP support, restricted regulatory domain - US
3600-64-IL	Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 64 AP support, restricted regulatory domain - IL
<b>Pluggable Modules</b>	
SFP-SX	Aruba SFP – 1000Base-SX, LC Connector
SFP-LX	Aruba SFP – 1000Base-LX, LC connector



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