



ARUBA 3000 SERIES MOBILITY CONTROLLERS

Aruba 3200, 3400 and 3600 Mobility Controllers are designed for medium to large wireless LAN deployments in offices that support up to 32, 64 and 128 campus access points (APs), respectively.

Aruba 3000 series Mobility Controllers are also the platform of choice in the data center for Aruba Virtual Branch Network (VBN) deployments, supporting up to 128, 256 and 512 Remote APs (RAPs), respectively, at small branch and home offices.



Located in the distribution layer or in the data center, Aruba 3000 series Mobility Controllers manage complex and processing-intensive authentication and encryption, virtual private networking (VPN), Layer 2-3 networking, Policy Enforcement Firewall (PEF), Adaptive Radio Management (ARM), and the RFProtect™ Spectrum Analysis and Wireless Intrusion Protection capabilities.

The wireless LAN configuration is virtualized and implemented in cost-effective 802.11n access points (APs) at the access layer. APs can move user traffic to Aruba 3000 series Mobility Controllers through secure IP tunnels over a public or private transport network, and locally bridge at the access layer, depending on the end user application or traffic forwarding requirements set forth by IT administrators.

Clustering and centralized management allow large enterprise networks with hundreds of Mobility Controllers to be managed and maintained with minimal staff. A designated master Mobility Controller manages multiple local Mobility Controllers, while the AirWave Wireless Management Suite provides unprecedented control for IT staff through historical reporting and real-time troubleshooting.

PERFORMANCE AND CAPACITY

Feature	3200	3400	3600
LAN-connected APs (max) ¹	32	64	128
Remote Access Points (max) ¹	128	256	512
Users (max) ²	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	4,096
System BSSIDs	256	512	1024
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

¹ Capacity determined by AP, PEF, and RFP software licenses
² 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

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

ARUBA 3000 CONTROLLER SERIES

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

ORDERING INFORMATION

PART NUMBER DESCRIPTION

Aruba 3200

3200	Aruba 3200 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP support, unrestricted regulatory domain
3200-US	Aruba 3200 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP support, restricted regulatory domain - US
3200-IL	Aruba 3200 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP support, restricted regulatory domain - IL
3200-8	Aruba 3200 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 8 AP support, unrestricted regulatory domain
3200-8-US	Aruba 3200 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 8 AP support, restricted regulatory domain - US
3200-8-IL	Aruba 3200 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 8 AP support, restricted regulatory domain - IL

Aruba 3400

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

PART NUMBER DESCRIPTION

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

Aruba 3600

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

Pluggable Modules

SFP-SX	Aruba SFP - 1000Base-SX, LC Connector
SFP-LX	Aruba SFP - 1000Base-LX, LC connector

