

Aruba Networks Product Overview

ARUBA
networks

Award Winning Product Portfolio



Aruba 200
for the Retail / Store Front

Aruba 800
for the Branch Office



Aruba 2400
for Regional Locations

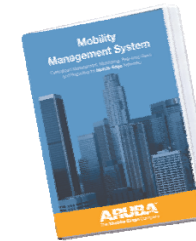
Aruba 6000
for the Enterprise HQ



ArubaOS
Embedded Mobility
Software Applications



Aruba Access Points
Single & Dual-Radio (a/b/g) Multi-Function



Mobility Management System
RF, Service Creation, Network
Management Applications



Aruba Product Family

Single Radio APs



- Software Configurable 802.11a or b/g
- AP / Air Monitor / Remote AP
- Ideal for Dense Office, Home Office and/or Air Monitor Deployments
- Internal or External Antenna Options
- Low Cost

Dual Radio APs



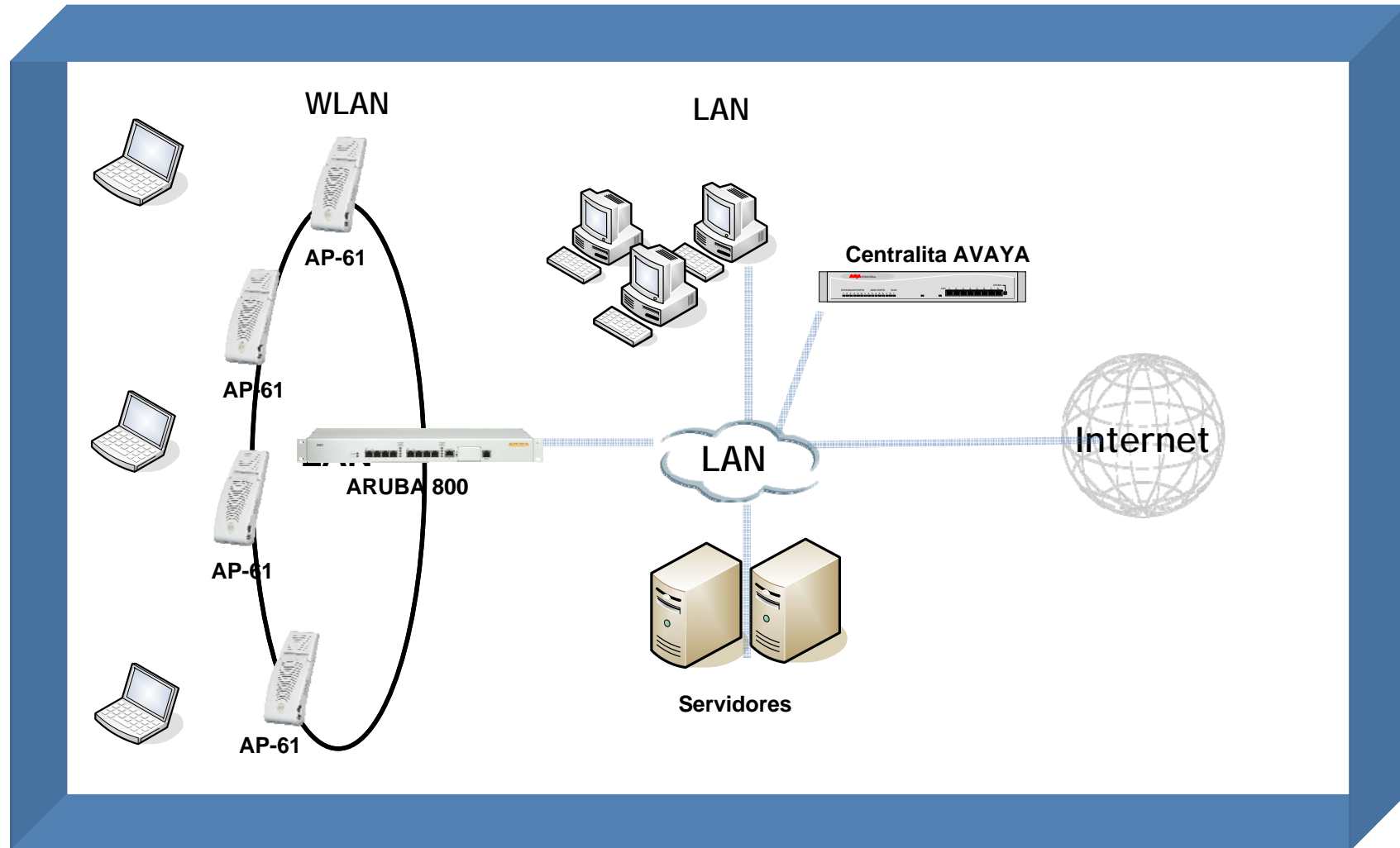
- Dual-Radio 802.11 a/b/g
- Ideal for Campus / Remote / Branch Office AP
- High Availability Features (AP70)
- Wired and Wireless Security (AP70)
- Extensible USB Interface Port (AP70)

Controllers



- 800Mb - 8Gb Capacity
- 6 AP / 100 User to 512 AP / 4096 User Capacity
- Programmable Control & Data Planes, HW Crypto
- Home Office / Branch Office / Regional Office / Campus / Data Center Optimized Solutions

DISEÑO RED DE TELECOMUNICACIONES

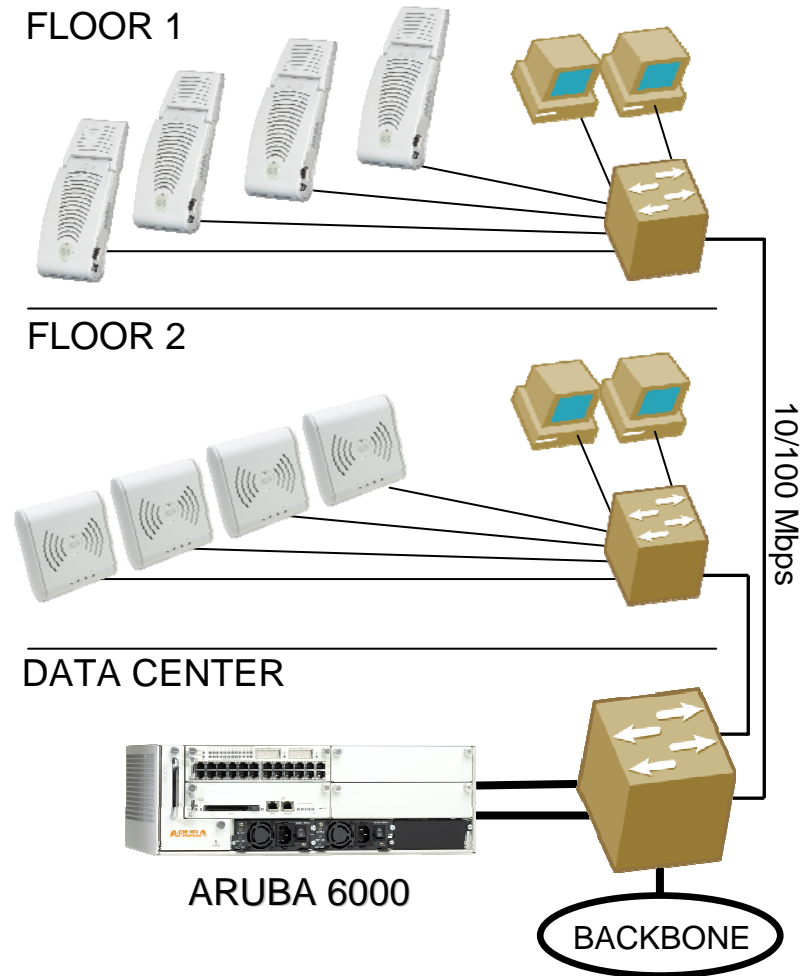




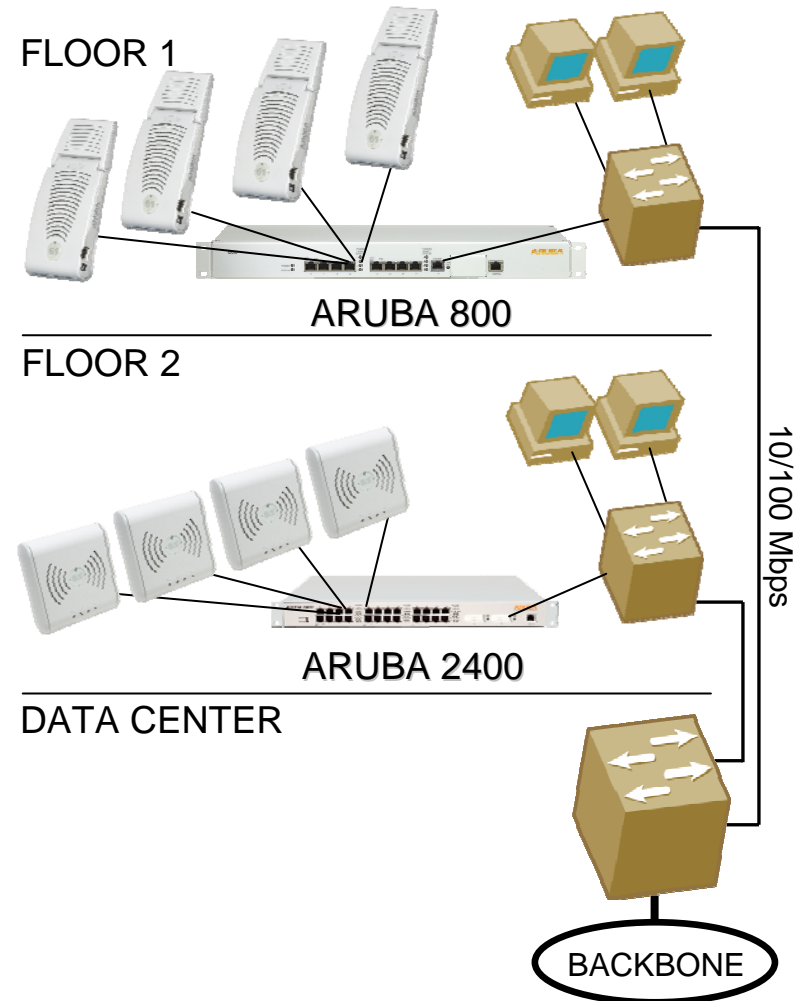
Mobility Controllers

Overlay (Indirect) / Direct

DATA CENTER DEPLOYMENT (OVERLAY)



WIRING CLOSET DEPLOYMENT (DIRECT)



Aruba Mobility Controller Family

Same Value Proposition Across All Platforms

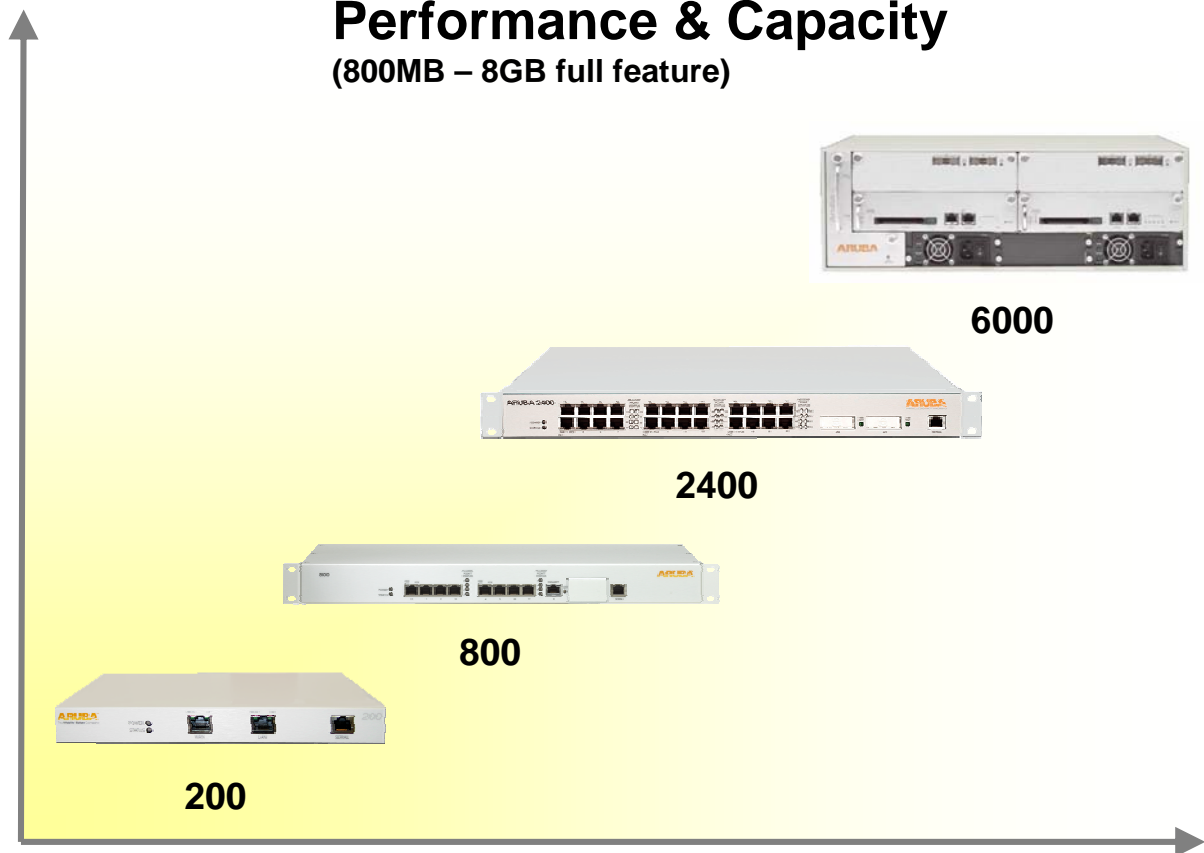
Scalable and Flexible:

- 200: 6 APs
- 800: 4 and 16 AP Options
- 2400: Support for 48 APs
- 6000: Scales from 48 to 512 APs

Full Redundancy Options Single Mobility Network

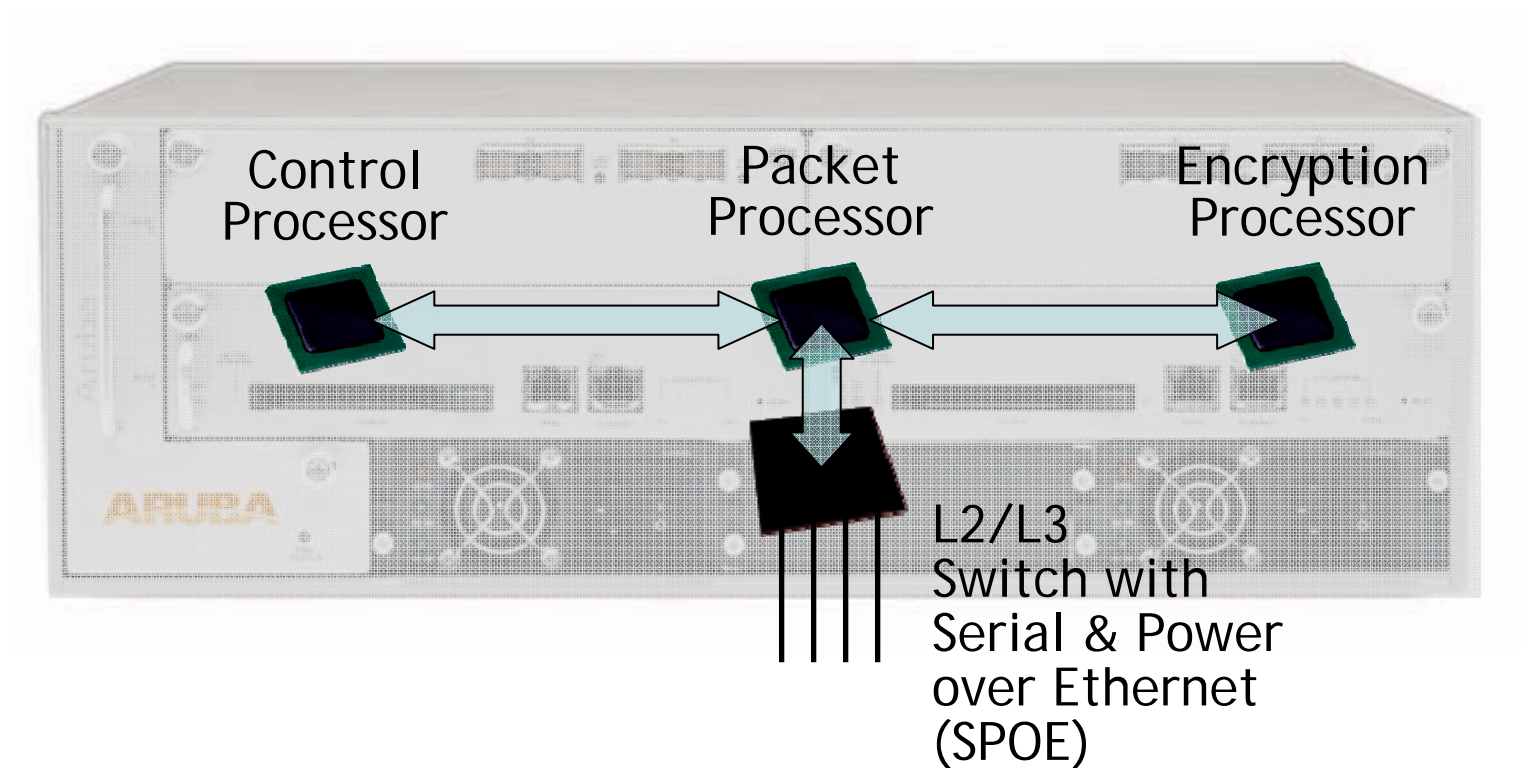
- Up to 32,000 Access Points

Performance & Capacity (800MB – 8GB full feature)



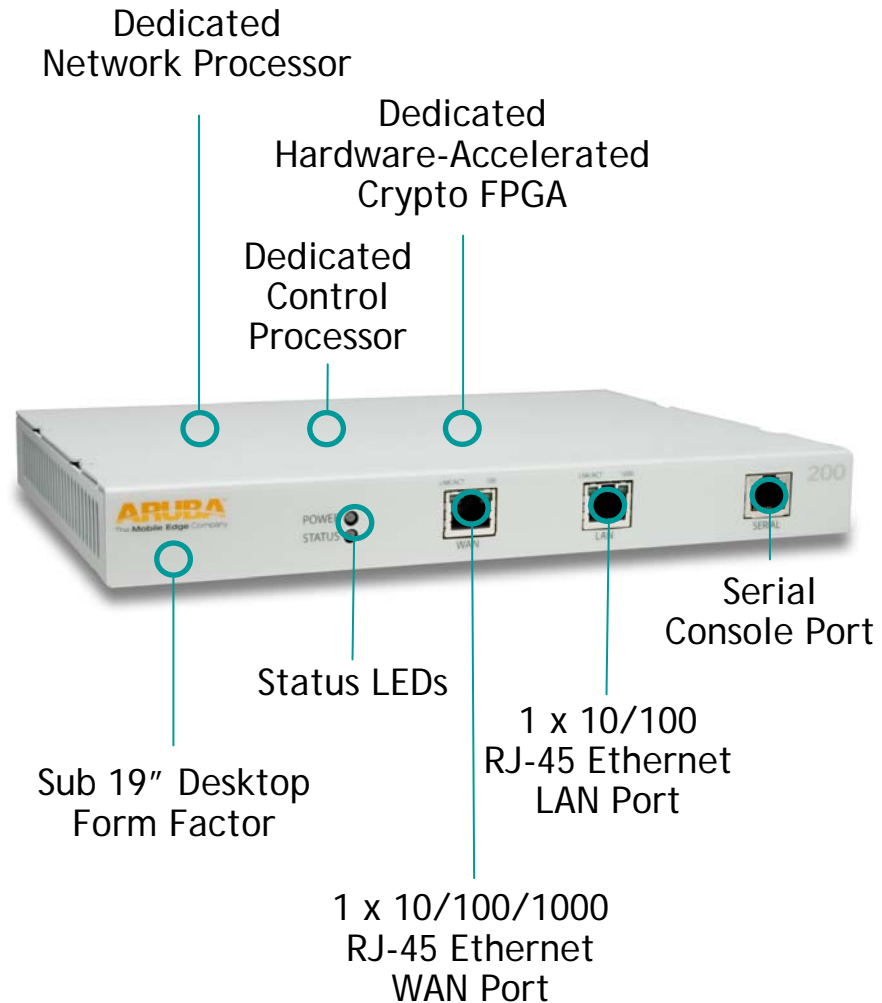
Purpose-Built for Performance

Unique Architecture Enables New Applications



Aruba 200 Mobility Controller

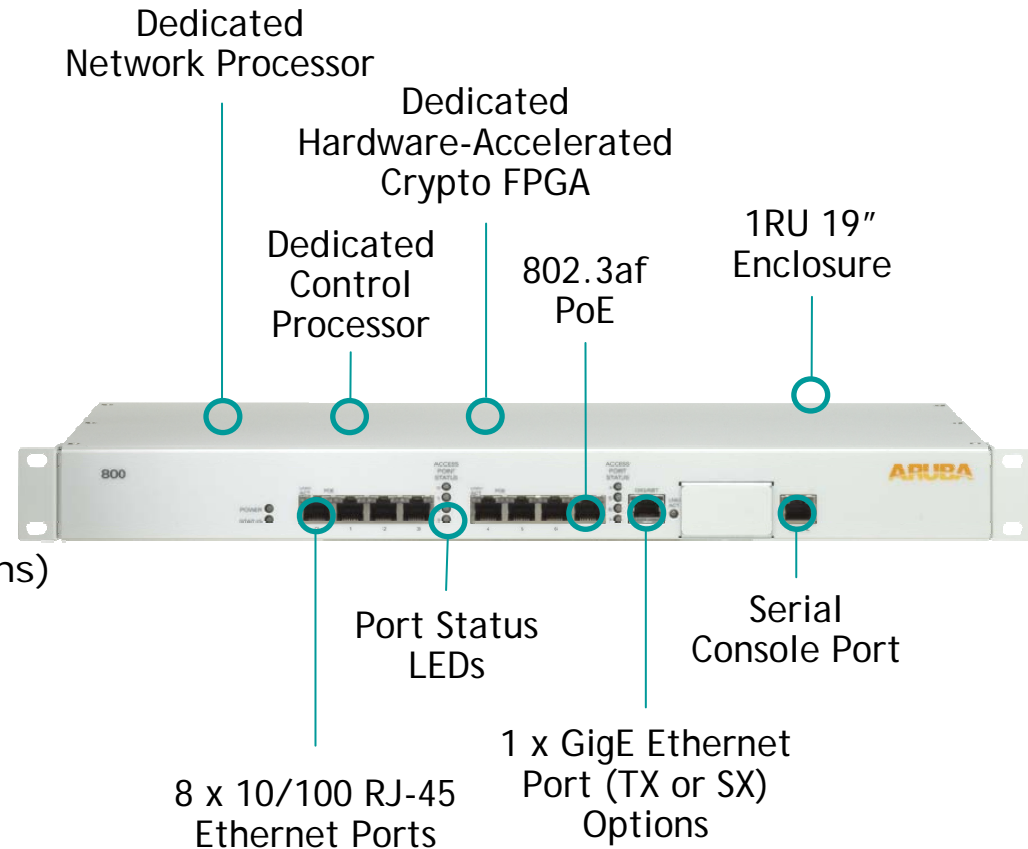
- **Capacity**
 - 6 Access Points
 - 100 Users
- **Performance**
 - 1 Gbps Clear / 200 Mbps Crypto
- **Interfaces**
 - 1 x WAN 10/100 Ethernet (RJ-45)
 - Auto-Sensing MDI/MDX
 - 1 x LAN 10/100/1000 Ethernet (RJ-45)
 - Auto-Sensing MDI/MDX
 - 1 x RJ-45 Serial Console Port
- **Programmable Architecture**
 - Control & Data Planes
 - Network Processor Core
 - Hardware-Accelerated Engine



Small Office – Branch Office – Retail

Aruba 800 Series Mobility Controller

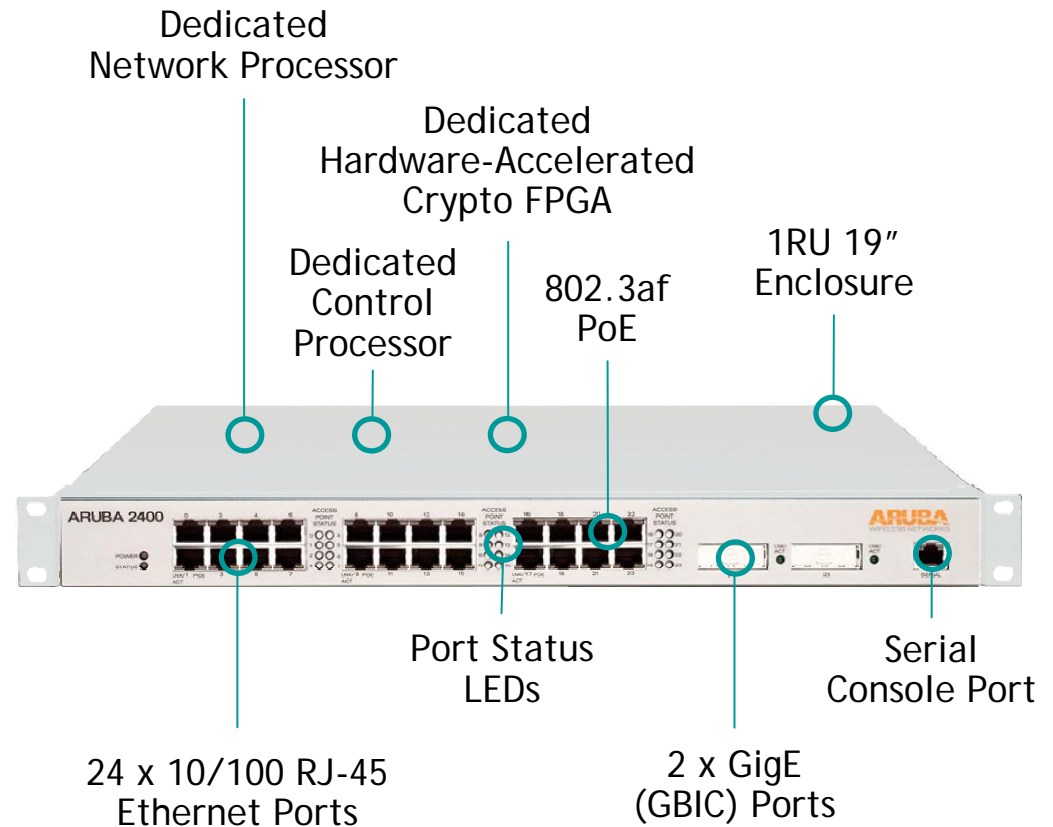
- **Capacity**
 - 4 or 16 Access Points
 - 256 Users
- **Performance**
 - 800 Mbps Clear / 200 Mbps Crypto
- **Interfaces**
 - 8 x 10/100 Ethernet (RJ-45)
 - Auto-Sensing MDI/MDX
 - 802.3af PoE Support
 - 1 x Gigabit Ethernet (TX or SX options)
 - 1 x RJ-45 Serial Console Port
- **Programmable Architecture**
 - Control & Data Planes
 - Network Processor Core
 - Hardware-Accelerated Engine



Branch Office – Small/Medium Enterprise

Aruba 2400 Mobility Controller

- **Capacity**
 - 48 Access Points
 - 768 Users
- **Performance**
 - 2 Gbps Clear / 400 Mbps Crypto
- **Interfaces**
 - 24 x 10/100 Ethernet (RJ-45)
 - Auto-Sensing MDI/MDX
 - 802.3af PoE Support
 - 2 x Gigabit Ethernet (GBIC)
 - 1 x RJ-45 Serial Console Port
- **Programmable Architecture**
 - Control & Data Planes
 - Network Processor Core
 - Hardware-Accelerated Engine



Campus – Regional Office – Medium/Large Enterprise

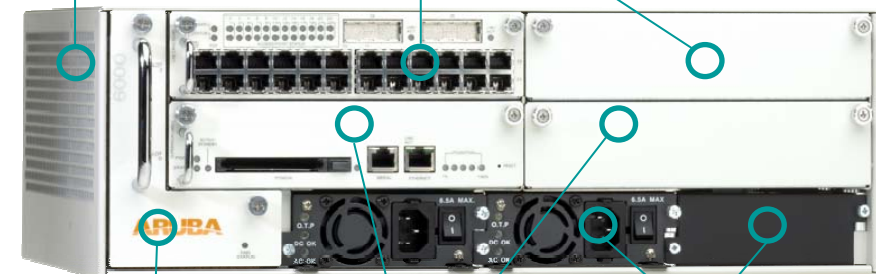
Aruba 6000 Modular Mobility Controller

- **Capacity**
 - Up to 512 Access Points / 4,096 Users
 - Supervisor Card I – 48 APs or 128 APs
 - Supervisor Card II – 256 APs
- **Performance**
 - 8 Gbps Clear / 7 Gbps Crypto
- **Modular Supervisor Cards**
 - Supervisor Card I – 4 Gbps/2 Gbps 3DES
 - Supervisor Card II – 4 Gbps/3.5 Gbps 3DES
 - 1 x RJ-45 Serial Console Port
- **Modular Line Cards**
 - 24 x 10/100 Ethernet (RJ-45) Line Card
 - 24 x 10/100 Ethernet (RJ-45) Line Card with 802.3af PoE Support
 - 2 x GigE (GBIC) Line Card
- **Programmable Architecture**
 - Control and Data Planes
 - Network Processor Core
 - Hardware-Accelerated Engine
- **All Components Modular and Hot-Swappable**

4RU 19"
Enclosure

Line Cards

- Single or Dual Supported
- 24FE/2GE
- 24FE/2GE SPOE (802.3af PoE)
- 2GE (GBIC)



Fan Tray

Redundant PSUs

Supervisor Cards I or II

- Single or Dual Supported
- Dedicated Control Processors
- Dedicated Network Processors
- Hardware Accelerated Crypto FPGAs

Large Campus – HQ – Large Enterprise



Access Points

Wireless Access Point Family

Single Band (802.11a or b/g)

Dual-Band (802.11a/b/g)

Auto-Discovery (Plug'n'Play)

Multi-Service

- Multi-Band Wireless AP
- Remote AP
- Branch Office AP
- Air Monitor

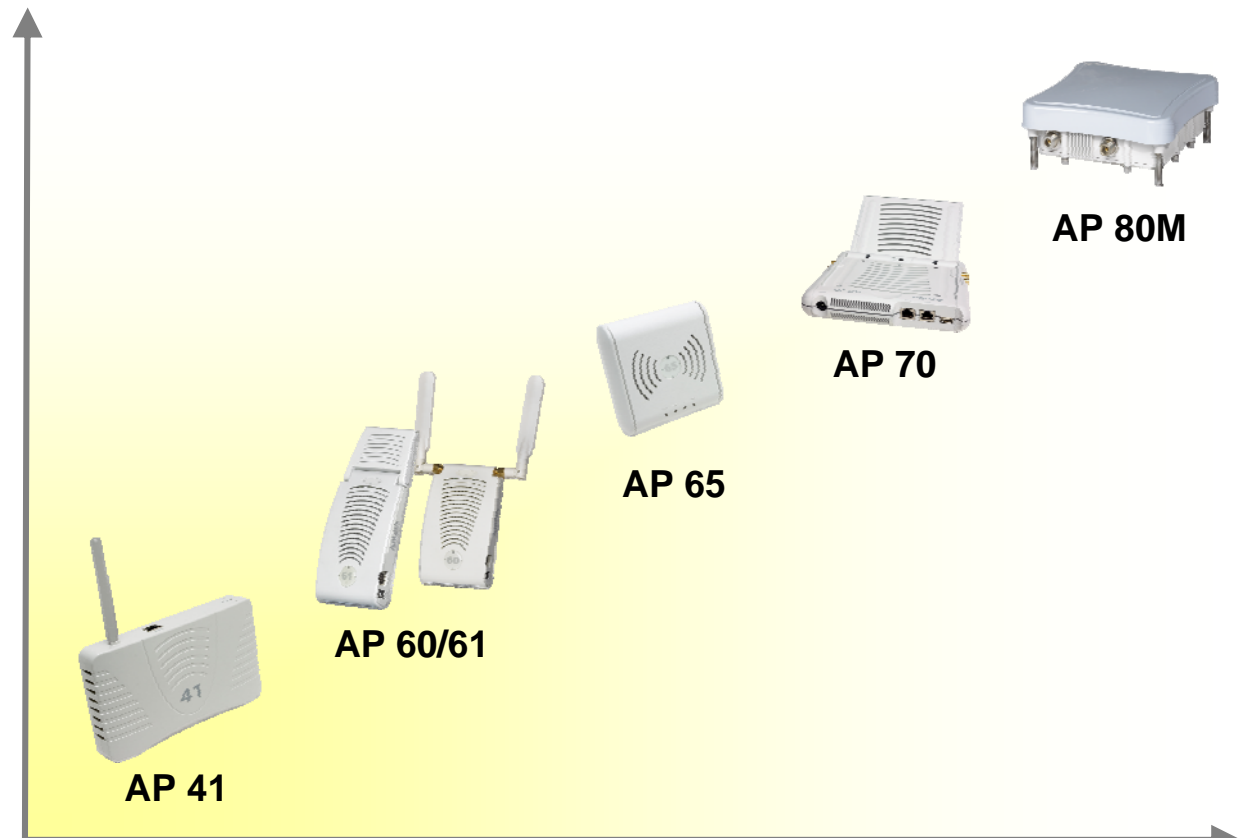
Centrally Managed

- RF Parameters
- Security Parameters
- Service Definition
- Version Management
- Regulatory Domain

Low End / Low Cost

High End / High Feature

Integral / Detachable Antenna Versions



Aruba Access Point Family

Single Radio



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Dual Radio



- Dual-Radio 802.11 a/b/g
- Ideal for Campus / Remote / Branch Office AP
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- Wired and Wireless Security (AP70)
- Extensible USB Interface Port (AP70)

Outdoor APs



- Dual-Radio 802.11 a/b/g
- AP or WDS Bridge (Point-Point & Multi-Point)
- Fully Environmentally-Hardened Design :
Desert, Snow, Rain, Harsh Environment