



## ARUBA 800 CONTROLLER

The Aruba 800 Controller is a fully-featured wireless LAN controller that aggregates up to sixteen access points (APs) and delivers centralized control and security for wireless deployments. The Aruba 800 delivers solid performance and military-grade encryption through dedicated control, network, and encryption processors.



Intended for smaller branch office wireless deployments, the Aruba 800 can be easily installed without any disruption to the existing wired network. The Aruba 800 acts as the head-end portion of Aruba’s “virtual enterprise network” architecture, which uses central controllers in the data center to manage complex and processing-intensive management and security functions. Edge services are virtualized and can be implemented in cost-effective access points at the network edge, which move user traffic to the data center controllers using secure IP tunnels operating over any available public or private transport network. Running the ArubaOS operating system, the Aruba 800 comes standard with advanced authentication, encryption, wireless radio management, secure enterprise wireless mesh, and L2/L3 networking features. Optional ArubaOS software modules unlock additional functionality including policy enforcement firewall, VPN server, remote access gateway, and wireless intrusion prevention.

Controller clustering and centralized management allow even the largest enterprise, with hundreds of controllers, to be managed and maintained with minimal staff overhead. A designated “master” controller may be used to manage multiple “local” controllers, or for larger networks the AirWave Management Platform provides the highest visibility and control for the entire IT staff.

### CONTROLLER PERFORMANCE AND CAPACITY

LAN-connected Access Points	16
Remote Access Points	16
Users	256
MAC addresses	4,096
VLAN IP interfaces	128
Active firewall sessions	64,000
Concurrent IPsec tunnels	256
Firewall throughput	1 Gbps
Encrypted throughput (3DES and AES-CCM)	200 Mbps

### INTERFACES

- Console (RS-232) RJ-45
- 8x Fast Ethernet (100Base-T) with Serial/Power over Ethernet
- 1x Gigabit Ethernet (10/100/1000Base-T or 1000Base-SX)

### CONTROLLER POWER SPECIFICATIONS

Maximum power consumption	200 Watts
AC input voltage	90-132 VAC, 180-264 VAC
AC input frequency	47-63 Hz
Power over Ethernet total capacity	125 Watts

### OPERATING SPECIFICATIONS AND DIMENSIONS

Operating temperature range	0° to 40° C
Storage temperature range	-40° to 70° C
Humidity, non-condensing	5 to 95%
Height	1.75" (44.5 mm)
Width	17.4" (444 mm)
Depth	13" (330 mm)
Weight	10 lbs. (unboxed)

### WARRANTY

Hardware	1 year parts/labor*
Software	90 days*

\* Extended with support contract

### 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

# ARUBA 800 CONTROLLER

## ORDERING INFORMATION - HARDWARE

PART NUMBER	DESCRIPTION
800-16-TX	A800-16 Controller - SPOE, 1000Base-T GigE , 16 AP Support, Unrestricted Regulatory Domain
800-16-TX-US	A800-16 Controller - SPOE, 1000Base-T GigE , 16 AP Support, Restricted Regulatory Domain - US
800-16-TX-IL	A800-16 Controller - SPOE, 1000Base-T GigE , 16 AP Support, Restricted Regulatory Domain - IL
800-16-SX	A800-16 Controller - SPOE, 1000Base-SX GigE, 16 AP Support, Unrestricted Regulatory Domain
800-16-SX-US	A800-16 Controller - SPOE, 1000Base-SX GigE, 16 AP Support, Restricted Regulatory Domain - US
800-16-SX-IL	A800-16 Controller - SPOE, 1000Base-SX GigE, 16 AP Support, Restricted Regulatory Domain - IL

## ORDERING INFORMATION - SOFTWARE

PART NUMBER	DESCRIPTION
<u>Aruba 800 Software Licenses</u>	
LIC-800-SEC	Security Software Bundle for A800-16 (16 AP License)
LIC-800-ADV	Advanced Security Software Bundle for A800-16 (16 AP License)
LIC-800-PEF	Policy Enforcement Firewall Module for A800-16 (16 AP License)
LIC-800-VPN	VPN Server Module for A800-16 (16 AP License)
LIC-800-WIP	Wireless Intrusion Protection Module for A800-16 (16 AP License)
LIC-800-ESI	External Services Interface Module for A800-16 (16 AP License)
LIC-800-XSC	xSec Module for A800-16 (16 AP License)
LIC-800-VOC	Voice Services Module for A800 (16 AP License)

## Aruba 800-4 to Aruba 800 Upgrade Licenses

Used to upgrade the legacy software-restricted 800-4 to a full 800-16. Install 804-UG-800 first, then an upgrade license for each installed software module.

804-UG-800	Upgrade 800-04 to 800-16 (4 AP to 16 AP)
804-UG-SEC-1	Security Software Bundle Upgrade LIC-804-SEC to LIC-800-SEC
804-UG-ADV-1	Advanced Security Software Bundle Upgrade LIC-804-ADV to LIC-800-ADV
804-UG-PEF-1	Policy Enforcement Firewall Upgrade LIC-804-PEF to LIC-800-PEF
804-UG-VPN-1	VPN Server Module Upgrade LIC-804-VPN to LIC-800-VPN
804-UG-WIP-1	Wireless Intrusion Protection Module Upgrade LIC-804-WIP to LIC-800-WIP
804-UG-ESI-1	External Services Interface Module Upgrade LIC-804-ESI to LIC-800-ESI
804-UG-XSC-1	xSec Module Upgrade LIC-804-XSC to LIC-800-XSC
804-UG-VOC-1	Voice Services Module Upgrade LIC-804-VOC to LIC-800-VOC



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