



ARUBA 2400 CONTROLLER

The Aruba 2400 Controller is a full-featured wireless LAN controller that aggregates up to 48 access points (APs) and delivers centralized control and security for wireless deployments. The Aruba 2400 delivers solid performance and military-grade encryption through dedicated control, network and encryption processors.



Intended for regional headquarters or dense office wireless deployments, the Aruba 2400 is easily installed without disrupting the existing wired network. The Aruba 2400 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 implemented in cost-effective APs at the network edge, which move user traffic to data center controllers through secure IP tunnels over a public or private transport network. Running the ArubaOS operating system, the Aruba 2400 comes standard with advanced authentication, encryption, wireless radio management, secure enterprise wireless mesh and L2/L3 networking features. Optional ArubaOS software modules deliver additional functionality, including policy enforcement firewall, VPN server, remote access gateway and wireless intrusion prevention.

Controller clustering and centralized management allow large enterprise networks with hundreds of controllers to be managed and maintained with minimal staff overhead. A designated master controller can manage multiple local controllers, or for larger networks the AirWave Management Platform provides unprecedented visibility and control for the IT staff.

PERFORMANCE AND CAPACITY WITH ARUBAOS 5.0

LAN-connected access points	48
Remote Access Points	48
Users	768
MAC addresses	4,096
VLAN IP interfaces	128
Number of IPv4 unicast routes	2,048
Active firewall sessions	64,000
System BSSIDs	128
Concurrent IPSec tunnels	768
Firewall throughput	2 Gbps
Encrypted throughput (3DES and AES-CCM)	400 Mbps

INTERFACES

Console (RS-232) RJ-45
 24x Fast Ethernet (100Base-T) with serial/power over Ethernet
 2x Gigabit Ethernet (1000Base-X) GBIC slots

POWER SPECIFICATIONS

Maximum power consumption	300 watts
AC input voltage	90~132/180~264 VAC
AC input frequency	47-63 Hz
Power-over-Ethernet total capacity	200 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	16.1" (409 mm)
Weight	12.5 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

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ORDERING INFORMATION - HARDWARE

PART NUMBER	DESCRIPTION
2400-48	A2400-48 Controller - SPOE, GBIC GigE, 48 AP support, Unrestricted Regulatory Domain
2400-48-US	A2400-48 Controller - SPOE, GBIC GigE, 48 AP support, Restricted Regulatory Domain - US
2400-48-IL	A2400-48 Controller - SPOE, GBIC GigE, 48 AP support, Restricted Regulatory Domain - IL
LC-GBIC-T	Aruba GBIC Interface Adapter - T
LC-GBIC-SX	Aruba GBIC Interface Adapter - SX
LC-GBIC-LX	Aruba GBIC Interface Adapter - LX
LC-GBIC-ZX	Aruba GBIC Interface Adapter - ZX

ORDERING INFORMATION - SOFTWARE

PART NUMBER	DESCRIPTION
LIC-2400-SEC	Security Software Bundle for A2400-48 (48 AP License)
LIC-2400-PEF	Policy Enforcement Firewall Module for A2400-48 (48 AP License)
LIC-2400-WIP	Wireless Intrusion Protection Module for A2400-48 (48 AP License)
LIC-2400-XSC	xSec Module for A2400-48 (48 AP License)



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