

ORDERING GUIDE

ARUBA 9004 SERIES GATEWAYS

The Aruba 9004 Series Gateway is a versatile edge appliance designed specifically for the increasing demands of mobile, IoT, and cloud applications on branch and remote networks. With a compact and cost-effective form factor, the Aruba 9004 Series can be easily deployed for SD-WAN uses case or as a controller in distributed networks.

ARUBA 9004 SERIES GATEWAY

1. SELECT THE APPROPRIATE 9004 CHASSIS

Part Number	Description
R1B20A	Aruba 9004 (US) 4-Port GbE RJ45 Gateway, 2K Clients - 32 APs
R1B21A	Aruba 9004 (RW) 4-Port GbE RJ45 Gateway, 2K Clients - 32 APs
R1B22A	Aruba 9004 (JP) 4-Port GbE RJ45 Gateway, 2K Clients - 32 APs
R1B23A	Aruba 9004 (IL) 4-Port GbE RJ45 Gateway, 2K Clients - 32 APs
R1B24A	Aruba 9004 (EG) 4-Port GbE RJ45 Gateway, 2K Clients - 32 APs
R1B25A	Aruba 9004 (US) TAA 4-Port GbE RJ45 Gateway, 2K Clients - 32 APs
R1B26A	Aruba 9004 (RW) TAA 4-Port GbE RJ45 Gateway, 2K Clients - 32 APs
R1B27A	Aruba 9004 (JP) TAA 4-Port GbE RJ45 Gateway, 2K Clients - 32 APs
R1B28A	Aruba 9004 (IL) TAA 4-Port GbE RJ45 Gateway, 2K Clients - 32 APs
R1B29A	Aruba 9004 (EG) TAA 4-Port GbE RJ45 Gateway, 2K Clients - 32 APs

Each 9004 includes a JX990A power adapter supply in the box.

2. SELECT POWER CORD FOR POWER SUPPLY (JX990A)

Part Number	Description
JW113A	PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord
JW114A	PC-AC-AUS Australian AC Power Cord
JW115A	PC-AC-BR Brazil AC Power Cord
JW116A	PC-AC-CHN China AC Power Cord
JW117A	PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord
JW118A	PC-AC-EC Continental European/Schuko AC Power Cord
JW119A	PC-AC-IN India AC Power Cord
JW120A	PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord
JW121A	PC-AC-IT Italian AC Power Cord
JW122A	PC-AC-JP Japanese AC Power Cord
JW123A	PC-AC-KOR Korea AC Power Cord
JW124A	PC-AC-NA North America AC Power Cord

3. SHELF MOUNT KIT (OPTIONAL OR SPARES)

Part Number	Description
R1B30A ¹	Aruba 9004-MNT-19 9004 Series 19-inch Rack Mount Kit
JX990A	AP-AC-12V30B 12V 30W Power Adapter (spare)

¹ 1RU can support two 9004 gateways side-by-side using the optional rack mount kit.

CLOUD-MANAGED SD-WAN DEPLOYMENT

Refer to the [SD-WAN use cases guide](#) for more information on how the gateway can be used. Each gateway requires an Aruba Central software subscription license to enable SD-WAN software features and the use of cloud-based management. The SD-WAN license also enables the use of the entire bandwidth capacity stated in the data sheet for each gateway.

- For micro-branch deployments, the 9004 (and 7005 or 7008) gateway can be ordered with a base capacity license that supports up to 75 client devices each.
- In high availability deployments, each primary and backup gateway needs to have a separate subscription license applied.

Each SD-WAN Base Capacity subscription includes software support and TAC/phone support. For SD-WAN hardware replacement support, order hardware-only support SKUs through your Aruba value-added reseller (VAR).

SD-WAN Gateway Licenses	Features
Foundation	<ul style="list-style-type: none"> Management for each 9004 Series User role-based access policies Dynamic Segmentation: Policy Enforcement Firewall, Layer 7 DPI Web content filtering Dynamic path steering, policy-based routing Routing: Static, dynamic, load-balancing, BGP WAN Services: NAT, DHCP Extensive WAN visibility VPN overlay, hub-spoke VIA VPN support HA: Active-standby, active-active
Foundation Base	All features above, limited to 75 concurrent endpoints

OPTIONAL MOBILITY CONTROLLER DEPLOYMENT

The Aruba 9004 Series can alternatively be deployed using Aruba [Mobility Controller](#) software licenses, where the 9004 will perform just like a 7000 Series or 7200 Series Mobility Controller in a campus or branch access layer deployment. In this mode, the gateway cannot be simultaneously used for SD-WAN. In Mobility Controller mode, the 9004 can also participate in Aruba's [Dynamic Segmentation](#) framework, with, at minimum, an access point (AP) license and a Policy Enforcement Firewall (PEF) license for each Aruba access point and switch in the network.

(ALTERNATE) MOBILITY CONTROLLER LICENSES

Part Number	Description
JW472AAE	Aruba LIC-AP Controller per AP Capacity License E-LTU
JW473AAE	Aruba LIC-PEF Controller Policy Enforcement Firewall per AP License E-LTU
JW474AAE	Aruba LIC-RFP Controller RFProtect per AP License E-LTU
JW471AAE	Aruba LIC-ENT Enterprise (LIC-AP LIC-PEF LIC-RFP and LIC-AW) License Bundle E-LTU
Q9B90AAE	Aruba LIC-ACR Controller Advanced Cryptography 1 Session License E-LTU
JY028AAE	Aruba Controller Web Content Classification 1 Year Subscription E-STU
JY029AAE	Aruba Controller Web Content Classification 3 Year Subscription E-STU
JY030AAE	Aruba Controller Web Content Classification 5 Year Subscription E-STU
JY031AAE	Aruba Controller Web Content Classification 7 Year Subscription E-STU
JY032AAE	Aruba Controller Web Content Classification 10 Year Subscription E-STU
JZ148AAE	Aruba LIC-VIA per VIA Client License E-LTU

- A single 9004 Gateway cannot be simultaneously used for SD-WAN and Mobility Controller functionality.
- For each AP attached to the gateway, the minimal configuration is 1 x LIC-AP per AP.
- LIC-AW is a device license for the AirWave network management system.
- For Dynamic Segmentation, the per-AP license count must equal the sum of APs and switches that are tunneling traffic. For virtual switch stacks, one AP license will be consumed per stack.
- LIC-VIA license is a per-user session license that can be transferred from one gateway/controller to another.
- LIC-VIA supports centralized licensing and can be managed by Mobility Master or a master controller in an ArubaOS 8 deployment.

SD-WAN CLOUD SUBSCRIPTION LICENSES

Part Number	Description
JZ118AAE	Aruba 700x and 9004 Foundation 1yr Sub E-STU
JZ119AAE	Aruba 700x and 9004 Foundation 3yr Sub E-STU
JZ120AAE	Aruba 700x and 9004 Foundation 5yr Sub E-STU
R0G52AAE	Aruba 700x and 9004 Foundation 7yr Sub E-STU
R0G53AAE	Aruba 700x and 9004 Foundation 10yr Sub E-STU
JZ124AAE	Aruba 700x and 9004 Foundation Base Capacity 1y Sub E-STU
JZ125AAE	Aruba 700x and 9004 Foundation Base Capacity 3y Sub E-STU
JZ126AAE	Aruba 700x and 9004 Foundation Base Capacity 5y Sub E-STU
R0G56AAE	Aruba 700x and 9004 Foundation Base Capacity 7y Sub E-STU
R0G57AAE	Aruba 700x and 9004 Foundation Base Capacity 10y Sub E-STU

- A single 9004 Gateway cannot be simultaneously used for SD-WAN and Mobility Controller functionality.
- Foundation Base Capacity licenses are limited to 75 clients.