Data sheet

HPE Aruba Networking 9000 Series Branch Gateways

HPE Aruba Networking 9012 (RW) 12xGbE 6xPoE+ Branch 2K Clients - 32 APs Gateway (R1B32A)



What's new

- Versatile cloud-managed edge appliance can be deployed as an SD-Branch gateway or as a wireless gateway for greater scalability.
- The gateway provides connectivity for up to 2,048 users or client devices with up to 6 Gbps of firewall throughput.
- Layer 4-7 stateful firewall delivers a consistent user, device, and application awareness across WLAN, LAN, and WAN.
- Dynamic Segmentation for automated role-based policy enforcement across users, devices, and IoT.
- The 9004-LTE model provides integrated LTE connectivity for use as a dedicated or redundant WLAN uplink.

Overview

HPE Aruba Networking 9000 Series Branch Gateways provide high-performance networking, SD-WAN and security functionality in compact and cost-effective form factors. Ideally suited for branch and small campus networks, the 9000 series can be used as a wireless gateway for enhanced Wi-Fi scalability and security or for SD-WAN capabilities in the branch. Deploying this series as part of the HPE Aruba Networking SD-Branch solution is an affordable way to support multiple WAN connections, including the internet, MPLS, cellular, role-based policy enforcement, and path optimization.

Designed with enterprise-grade capabilities and compact form factors, including an integrated LTE option, the 9000 Gateway can be easily configured and managed using HPE Aruba Networking Central, an AI-powered solution that simplifies IT operations, improves agility, and reduces costs by unifying management of all network infrastructure.

Features

Versatile, Cost-effective Performance

The HPE Aruba Networking 9000 Series Branch Gateways are compact edge appliances ideal for small enterprise or branch locations looking for enhanced security with optional integrated LTE connectivity.

The gateway provides connectivity for up to 2,048 users or client devices with up to 6 Gbps of firewall throughput.

It supports redundancy, clustering, and live upgrades for enhanced resiliency and high availability.

The 9004-LTE model can a use high-speed LTE connection as either a dedicated or redundant WAN uplink for business continuity.

IoT radio supports BLE technologies.

Flexible Deployments with Enhanced Security

The HPE Aruba Networking 9000 Series Branch Gateways are ready for SD-Branch, WLAN, IPSec, and security use cases.

Deploy as mobility controllers to increase wireless scalability and provide WLAN and LAN services such as Dynamic Segmentation, stateful firewall, and live upgrades.

It is supported by the HPE Aruba Networking EdgeConnect SD-Branch solution that simplifies management of branch traffic. Gateways deployed in SD-WAN mode add role and identity-based intrusion detection and prevention capabilities (IDS/IPS) on top of existing security features.

Offers enhanced security with Dynamic Segmentation to nearly eliminate the time-consuming and error-prone task of managing complex and static VLANs, ACLs, and subnets by dynamically assigning policies and keeping traffic secure and separated.

Deep packet inspection provides greater application visibility and control. As a part of the policy enforcement firewall, the 9000 series consistently evaluates and improves performance and usage policies for over 3,800 applications.

AI-powered Cloud-based Management

The HPE Aruba Networking 9000 Series Branch Gateways can be easily configured and managed using cloud-native HPE Aruba Networking Central that provides AI-powered insights, workflow automation, and robust security.

Zero-touch provisioning simplifies deployment at branch sites that have few or no local IT resources.

Wizard-based UI-driven workflows in HPE Aruba Networking Central NetConductor automate network design and policy creation, further streamlining network configuration and security operations from the cloud.

The gateway supports WLAN and SD-WAN deployments with HPE Aruba Networking Central subscription licenses.

Lower Cost and Greater Efficiency with SD-Branch

SD-branch technology provides a centrally-managed unified platform for SD-WAN, routing, security, LAN and Wi-Fi to deliver the ease of deployment, operations, and cost savings needed when managing large, distributed branch locations.

The SD-Branch orchestrator seamlessly updates the overlay network across multiple branch locations, data centers, public clouds, and SaaS — delivering a consistent user experience and policy enforcement.

Greater visibility into performance across every uplink in a branch to improve the reliability, re-routing traffic over a secondary link as necessary.

Dynamic traffic steering based on roles, applications, and even IoT devices to prioritize traffic and improve user experience.

Enhanced branch security with stateful application-aware firewall, Dynamic Segmentation, intrusion detection, web content filtering/classification and integration with third-party cloud security providers.

Technical specifications	HPE Aruba Networking 9012 (RW) 12xGbE 6xPoE+ Branch 2K Clients - 32 APs Gateway
Product Number	R1B32A
Ports	12 100/1000BASE-T ports (including 6x PoE+)
Certifications	FCC/ISED; RED Directive 2014/53/EU; Others: MIC, NCC, ANATEL, COFTEL, CCC
Regulatory	Safety Certifications: UL 60950-1 Second Edition, CAN/CSA-C22.2 No. 60950-1 Second Edition, EN 60950-1 Second Edition, EN 60950:2005, IEC 60950-1 Second Edition, EN/IEC 62368-1 2nd Edition, NOM (obtained by partners and distributors). Electromagnetic Emissions Certifications: FCC Part 15 Class A, CISPR32 Class A, EN55032 Class A, ICES-003 Class A, EN61000-3-2, EN61000-3-3, EN55024, EN301 489-1/-17, KN32 Class A, KN35, KN301 489-1/-17, K, CNS13438 Class A. Telco: Common Language Equipment Identifier (CLEI) Code. Wireless Certifications: FCC/ISED, RED Directive 2014/53/EU. Others: MIC, NCC, ANATEL, COFTEL, CCC.
Warranty	Hardware: 1-year parts/ labor, can be extended with support contract. WLAN Gateway Software: 90 days, can be extended with support contract. See the warranty duration.
Input voltage	90 – 264 VAC 47-63 Hz 3A at 100Vrms
Power consumption	160W (with 120W of PoE)
Mounting	Rackmount ears shipped with the unit
Differentiator	Available everywhere except, US, Israel, Egypt and Japan

HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what HPE Services - Aruba Networking has to offer at: hpe.com/edge/services

Support Services

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

Professional Services

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from HPE Aruba Networking technology.

Project based services include:

— Planning, audit, and assessment
— Architecture review and design
— Deployment, migration, and knowledge transfer

Annual subscription services include:

— Network optimization
— Intelligent Operations
— Customer Experience Management

Our Education Services allow your team to come up to speed quickly.

GreenLake for Networking

Deliver innovative business outcomes by leveraging new ways to consume, deploy and manage networks.

For additional technical information, available models and options, please reference the QuickSpecs

Visit HPE.com

Chat now

© Copyright 2026 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product.

PSN1012184057WWEN, September 23, 2026.

HEWLETT PACKARD ENTERPRISE

hpe.com