

# Aruba 501 Wireless Client Bridge (J9835A)



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## What's new

- Links up to 15 Ethernet devices or an RS232 serial device to a wireless network at Gigabit speeds.
- Integrates one dual-band 802.11ac MIMO radio running up to 1.3 Gbps.
- Support for IEEE 802.11b/g/n and 802.11a/b/g/n/ac WLAN networks.
- Fast roaming between access points.
- Limited Lifetime Warranty.

## Overview

The HPE 501 Wireless Client Bridge Series extends the life of legacy devices by bridging Ethernet clients to WLAN and extending WLAN access to a range of protocols. Electronic cash registers, medical and manufacturing equipment, and other devices can be deployed in any location with a WLAN signal saving the time and expense needed for installing Ethernet cables for network access.

The 501 Wireless Client Bridge integrates into the HPE Mobility System and is compatible with an IEEE 802.11b/g/n or 802.11a/b/g/n/ac WLAN network infrastructure from Hewlett Packard Enterprise and other vendors.

## Features

### High Speed Wireless Connectivity for Legacy Wired Devices

The HPE 501 Wireless Client Bridge Series links up to 15 Ethernet devices or an RS 232 serial device to a WLAN network, extending wireless access to legacy devices.

Offers high speed wireless connectivity with an internal dual band 802.11a/b/g/n radio for wirelessly transmitting and receiving data at up to 1.3 Gbps.

Enables a RS-232 asynchronous terminal device to communicate with compatible stations on the network with an integrated serial to TCP/IP converter.

Improves wireless coverage areas and reception with optional outdoor MIMO antennas.

### Investment Protection and Reduced Costs

The HPE 501 Wireless Client Bridge Series cost-effectively extends wired connectivity to hard to wire locations by linking multiple LAN segments via an access point.

It improves the performance of legacy wireless devices such as wireless medical equipment.

The series offers Interoperability with an IEEE 802.11b/g/n or 802.11a/b/g/n/ac WLAN network infrastructure from Hewlett Packard Enterprise and other vendors.

Offers a Limited Lifetime Warranty.

### Robust Security

The HPE 501 Wireless Client Bridge Series protects the network from intrusion with enterprise class layered security, including 802.1X support.

Provides data integrity of wireless traffic with hardware accelerated encryption delivering high-performance with WPA2 and Advanced Encryption Standard (AES) security.

## Technical specifications

## Aruba 501 Wireless Client Bridge

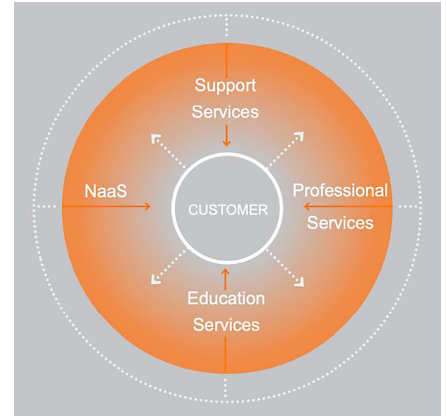
|                                    |   |
|------------------------------------|---|
| <b>Product Number</b>              | J9835A  |
| <b>Differentiator</b>              | The HPE 501 Client Bridge bridges an Ethernet LAN segment with up to 15 devices, supporting a wide range of protocols to 802.11b/g/n or 802.11a/n/ac WLAN providing 802.1X PEAP authentication and up to WPA2 security without upgrading the clients. |
| <b>Input voltage</b>               | Powered by PoE  |
| <b>Ports</b>                       | (1) RJ-45 autosensing 10/100/1000 port<br>(1) RS-232C serial console port   |
| <b>Power consumption</b>           | 9 W (maximum)   |
| <b>Product dimensions (metric)</b> | 13.97 x 3.3 x 12.7 cm   |
| <b>Weight</b>                      | 0.91 kg   |
| <b>Operating humidity range</b>    | 5 to 95% (noncondensing)  |

For additional technical information, available models and options, please reference the [QuickSpecs](#)

## Aruba Global Services

Aruba Global Services simplifies and accelerates 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.

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## Professional Services from Aruba

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 Aruba technology.

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- Intelligent Operations
- Architecture review and design

**Proactive Engineering Services** include:

- Customer Experience Management
- Deployment, migration, and knowledge transfer
- Network optimization

Our [Education Services](#) allow your team to come up to speed quickly.

## Aruba Network as-a-Service (NaaS)

Our NaaS solution, Aruba Managed Connectivity Services, part of the HPE GreenLake services family, simplifies network operations, accelerates equipment handling, and increases the value of your Aruba network. If you need expert guidance and automation-based operations for your team, please explore the NaaS approach from Aruba [here](#).

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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.

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