

HPE Aruba Networking 100 Series Cellular Bridge



What's new

- Simple cloud-managed 5G cellular wireless bridge for reliable, fast internet connectivity.
- Provides primary, secondary, or backup cellular connectivity across public and private cellular services including CBRS.
- High-speed wired connectivity with 2.5 Gbps Ethernet ports.
- Compact and fanless form factor with internal antennas.
- Conveniently powered by PoE (802.3at) or DC power (order DC power adapter separately).

Overview

The HPE Aruba Networking 100 Series Cellular Bridge is a cloud-managed 5G cellular wireless bridge for reliable, fast internet connectivity. Designed for primary, secondary, or backup cellular WAN connectivity, this cellular bridge provides fast and reliable 5G fixed wireless access for mission-critical use cases. Ideal for remote locations, branch offices, and pop-up sites, the cellular bridge supports 5G across major public and private cellular including CBRS, enabling reliable internet services with choice of connectivity.

This cellular bridge is supported by HPE Aruba Networking Central that helps streamline IT operations with unified infrastructure management across wired, wireless, and SD-WAN with intelligent automation, and AI insights.

Features

Simplicity and Performance

The HPE Aruba Networking 100 Series Cellular Bridge provides 5G fixed wireless access for mission-critical connectivity in WLAN, SD-Branch, and SD-WAN use cases.

The series supports the 5G SA standard, and backwards compatibility with 5G NSA and LTE.

The series provides two high-speed 2.5 GbE ports ideal for wired connectivity to Hewlett Packard Enterprise edge devices.

It has compact and fanless form factor with internal antennas and conveniently powered by either PoE (802.3at) or DC power. DC power adapter not included.

Enhanced security with Trusted Platform Module (TPM) that provides storage of credentials and keys, and boot code.

Cellular Bridge Connectivity for Branch Offices

The HPE Aruba Networking 100 Series Cellular Bridge customizes 5G cellular connectivity to branch offices and remote sites.

The series is configured as either primary, secondary, or backup 5G cellular link for business continuity.

It provides subscriber identity module (SIM) supports nano-SIM and eSIM deployments.

AI-powered Cloud Management

The HPE Aruba Networking 100 Series Cellular Bridge is supported by cloud-native HPE Aruba Networking Wireless Operating System (AOS10) which is the distributed network operating system working with HPE Aruba Networking Central that acts as the control layer for wireless devices.

Intelligent automation, AI insights, and unified infrastructure management, delivered by AOS-10 and HPE Aruba Networking Central, simplify and power IT operations.

Flexible consumption with HPE Aruba Networking Central subscription-based licenses purchased on a per-device basis.



Technical specifications

HPE Aruba Networking 100 Series Cellular Bridge

Certifications	Safety certifications: UL 2043 plenum rating; UL/IEC/EN 62368-1; CAN/CSA-C22.2 No. 62368-1 Second Edition; CNS 15598-1
Input voltage	PoE, 12 VDC
Regulatory	CE, FCC, IC, RCM, PTCRB, GCF, ICASA, WHQL RED Directive 2014/53/EU Others: VCCI, NCC, ANATEL, IFETEL, CCC
Wi-Fi antenna	Compact and fanless form factor with internal antennas
Connectivity, standard	Cellular, 5G fixed wireless access; Private cellular including CBRS bands; WAN connectivity, backup internet connectivity
Ports	Console Port: 1x USB-C Data Port: 1x USB-A Interface: 2x 2.5 Gbps SIM: 1x Nano SIM and 1x eSIM [2]
Power consumption	Maximum power consumption with PoE: 19.1 W Maximum power consumption with DC: 17.5 W
Radio coverage	5G SA, 5G NSA, LTA, WCDMA
Warranty	Hardware: 1-year parts/labor, which can be extended.

[1] DC power adapter not included; order separately.

[2] Feature available in future software release.



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

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: <https://www.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: Annual subscription services include:

- Planning, audit, and assessment
- Architecture review and design
- Deployment, migration, and knowledge transfer
- Network optimization
- Intelligent Operations
- Customer Experience Management

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

HPE GreenLake for Networking

Our NaaS solution, is part of the HPE GreenLake services family, and simplifies network operations, accelerates equipment handling, and increases the value of your HPE Aruba Networking solution. If you need expert guidance and automation-based operations for your team, please explore our NaaS approach through HPE GreenLake for Networking.

Make the right purchase decision.
Contact our presales specialists.



Contact us

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