

HPE Networking Instant On Secure Gateway



What's new

- Cloud-based management: Seamless remote monitoring and management controls through centralized Instant On Cloud Portal/app; automated firmware updates delivered through the cloud.
- Secure the LAN: Implementation of Zero Trust model architecture and enhanced hardware-accelerated firewall features keep your business safe.
- WAN redundancy and load balancing: Automatically selects the most optimal WAN connection when multiple ISP connections are detected for uninterrupted internet access.
- Enhanced user experience: Improved and

Overview

The HPE Networking Instant On Secure Gateway is a powerful, cloud-managed security solution designed for small and growing businesses. It delivers enterprise-grade security—firewall, IDS/IPS, VPN, PoE, and WAN resiliency—without hidden fees or licenses. Managed through a single platform, it offers domain blocking, deep packet inspection, and 24x7 network monitoring to protect against cyberthreats. Designed with ease of use in mind, it enables minimum-touch deployment and automated configuration, making network setup and management accessible even for non-technical users. Ideal for securing customer data, transactions, and multi-site connectivity, this gateway provides easy, reliable control tailored to SMB needs, combining simplicity with top-tier protection.

more intuitive design for simplified navigation and user experience.

- PoE+ support (SG2505P): Up to 60W of Power over Ethernet (PoE) budget for simplified device deployment.
- Multi-gigabit WAN support (SG2505P): New multi-gigabit WAN ports for faster and more reliable connectivity.

Features

Active Threat Monitoring with Intrusion Detection and Prevention (IDS/IPS)

IDS and IPS monitor network traffic for suspicious activities. IDS detects and alerts administrators about potential security breaches, while IPS actively blocks or prevents threats in real-time.

Together, IDS and IPS enhance network security by identifying and responding to potential intrusions.

Keep the Network Safe with a Stateful Firewall

This monitors and controls network traffic based on policies, creating a barrier between trusted internal networks and untrusted external networks to prevent unauthorized access and cyber threats.

Default settings block external traffic from accessing the LAN. policies can allow or block traffic, enable port-forwarding, and client access.

Keep the Business Online with WAN Resiliency

This feature enables continuous connectivity during network disruptions using multiple ISP connections.

The secure gateway detects issues (link degradation or failure) and reroutes traffic to the best available ISP uplink, reducing downtime and service interruptions.

Multi-Gigabit and PoE Ports (SG2505P)

Great for small and medium businesses with ISP throughputs faster than a gigabit, utilizes the 2.5 G ports on the SG2505P for maximum throughput.

A PoE budget of 60W makes the SG2505P a smart choice for deploying a compact and easy-to-manage network by powering Instant On access points without an additional switch.



Technical specifications

HPE Networking Instant On Secure Gateway

Certifications

Europe:
 EN 62368-1:2014 +A11:2017
 EN 62368-1:2020 +A11:2020
 US:
 UL 62368-1, 3rd Ed.,
 Canada:
 CAN/CSA C22.2 No.
 62368-1:19, 3rd Ed.
 Worldwide:
 IEC 62368-1:2014, 2nd Ed.
 IEC 62368-1: 2018, 3rd Ed.
 Taiwan:
 CNS-15598-1:2020
 China:
 GB 4943.1:2022
 Europe:
 EN 55032:2015 + A11:2020, Class B
 EN 61000-3-2:2019
 EN 61000-3-3:2013
 US:
 FCC 47 CFR part 15B: 2021, Class B
 Canada:
 ICES-003 Issue 7: 2020, Class B
 Worldwide:
 VCCI-CISPR 32, Class B
 CISPR 32: 2016, Class B
 AS/NZS CISPR 32: 2015, Class B
 CNS 15936: 2020, Class B
 CISPR 35: 2016
 EN 55035:2017/A11:2020
 IEC 61000-4-2
 IEC 61000-4-3
 IEC 61000-4-4
 IEC 61000-4-5
 IEC 61000-4-6
 IEC 61000-4-8
 IEC 61000-4-11
 IEC/EN 61000-3-2
 IEC/EN 61000-3-3
 IEC/EN 63000:2018
 KSC 9832

Wi-Fi antenna

NA

Mounting

Tabletop, wall, or rack depending on the model

Warranty

2-year, see the warranty duration guide.



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.

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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.
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