

HPE Networking Instant On Secure Gateway

HPE Networking Instant On Secure Gateway 5-port SmartRate 2.5G PoE+ 64W SG2505P (SOG34A)



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

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.

balancing: Automatically selects the most optimal WAN connection when multiple ISP connections are detected for uninterrupted internet access.

- Enhanced user experience: Improved and 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 5-port SmartRate 2.5G PoE+ 64W SG2505P
--------------------------	---

Product Number	SOG34A
Differentiator	No of users: Up to 300
Wi-Fi antenna	NA
Certifications	<p>Europe: EN 62368-1:2014 +A11:2017 EN 62368-1:2020 +A11:2020</p> <p>US: UL 62368-1, 3rd Ed.,</p> <p>Canada: CAN/CSA C22.2 No. 62368-1:19, 3rd Ed.</p> <p>Worldwide: IEC 62368-1:2014, 2nd Ed. IEC 62368-1: 2018, 3rd Ed.</p> <p>Taiwan: CNS-15598-1:2020</p> <p>China: GB 4943.1:2022</p> <p>Europe: EN 55032:2015 + A11:2020, Class B EN 61000-3-2:2019 EN 61000-3-3:2013</p> <p>US: FCC 47 CFR part 15B: 2021, Class B</p> <p>Canada: ICES-003 Issue 7: 2020, Class B</p> <p>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 KS C 9832</p>
Regulatory	Regulatory model number: RSVLC-2305
Warranty	2-year, see the warranty duration guide.

Technical specifications**HPE Networking Instant On Secure Gateway 5-port SmartRate 2.5G PoE+ 64W SG2505P****Ports**

Total ports: 5

WAN Interface: 1x 100/1000/2500-Base-T Ethernet

WAN/LAN Configurable Interface: 1x 100/1000/2500-Base-T Ethernet,

1x 10/100/1000-Base-T Ethernet

LAN Interfaces: 2x 10/100/1000-Base-T Ethernet

Mounting

Tabletop, wall, rack

HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

Advisory & Professional services

Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.
- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

GreenLake

[GreenLake](#) is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

- Streamline IT Operations across compute, storage, and networking without the chaos
- Unify and secure data, as you move faster
- Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

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

Visit [HPE.com](https://www.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.

[PSN1014866414TREN](#), May, 2026.

HEWLETT PACKARD ENTERPRISE

[hpe.com](https://www.hpe.com)

