

HPE Aruba Networking EdgeConnect SD-WAN

HPE Aruba Networking EdgeConnect 10150 2xRJ45 MGMT 8x10G/25G SFP28 2xPSU SD-WAN Gateway (S2N65A)



What's new

- HPE Aruba Networking EdgeConnect 10150 SD-WAN Gateway (EC-10150) is a 1U rack-mountable gateway platform designed to serve the needs of enterprise hub or datacenter locations.
- Adaptive DDoS is an optional feature of HPE Aruba Networking EdgeConnect SD-WAN to protect branch locations against DDoS attacks by automatically adjusting DoS thresholds using machine learning.
- HPE Aruba Networking EdgeConnect SD-WAN augmented with SWG helps organizations protect all users and things from web-based threats eliminating the need to install an SSE agent on each device.
- HPE Aruba Networking Central

Overview

HPE Aruba Networking EdgeConnect SD-WAN provides a solid foundation for Zero Trust and SASE frameworks to tackle the networking and security challenges of hybrid working and cloud computing. The solution tightly integrates with HPE Aruba Networking SSE to form a single-vendor SASE platform.

Leveraging a built-in next-generation firewall with features such as IDS/IPS, adaptive DDoS and role-based segmentation, HPE Aruba Networking EdgeConnect SD-WAN enables organizations to seamlessly consolidate their branch equipment by replacing branch firewalls and routers. It allows them to reduce the cost and complexity of building a WAN while reducing MPLS dependency. This is achieved by leveraging broadband internet and cellular links to connect users to applications with advanced features such as path conditioning, WAN optimization and multi-cloud networking.

orchestrates the HPE Aruba Networking EdgeConnect SD-WAN fabric between EdgeConnect SD-WAN, EdgeConnect SD-Branch and EdgeConnect Microbranch.

Features

Enhanced Performance and Cost Efficiency

HPE Aruba Networking EdgeConnect SD-WAN delivers reliable and business-driven connectivity for branch offices using Business Intent Overlays (BIOS) and combining multiple links, such as MPLS, internet, and 5G.

With advanced features like path conditioning and tunnel bonding, it provides a performance comparable to private-line connections over internet links, reducing reliance on costly MPLS.

The solution minimizes latency through WAN optimization techniques such as TCP acceleration, data compression, and data deduplication.

Additionally, AppExpress optimizes user experience for business-critical applications by automatically selecting the best path for each application, leveraging synthetic polling and real-time user traffic observations.

Seamless Multi-cloud Connectivity

Designed for a multi-cloud world, HPE Aruba Networking EdgeConnect SD-WAN intelligently routes application traffic to the cloud according to predefined business and security policies.

It eliminates the need to backhaul cloud-destined traffic to a data center by directly routing trusted traffic, such as real-time voice and video, to the cloud. First packet application identification enables secure local internet breakout to the closest SaaS and IaaS doorsteps.

This approach also supports end-to-end connectivity with leading cloud service providers, ensuring optimized performance and security across multi-cloud environments.

Simplified Branch Security with a Secure SD-WAN

HPE Aruba Networking EdgeConnect SD-WAN enables organizations to seamlessly replace branch firewalls as the solution includes a next-generation firewall with IDS/IPS and adaptive DDoS protection capabilities.

The HPE Aruba Networking ClearPass integration with HPE Aruba Networking EdgeConnect SD-WAN augments application intelligence with the user and device identity and role-based policy, enabling role-based segmentation.

Augmented with SWG (Secure Web Gateway), the solution protects all devices, including IoT, from web-based threats without requiring an SSE agent on each device.

This SWG integration offers comprehensive malware protection, web content filtering, and threat prevention, all managed from a central location. The cohesive approach of combining SD-WAN and SWG within a single solution provides superior security compared to other SD-WAN offerings.

Accelerated SASE Adoption

HPE Aruba Networking EdgeConnect SD-WAN is the cornerstone of HPE Aruba Networking SASE (Secure Access Service Edge), integrating seamlessly with HPE Aruba Networking SSE (Security Service Edge).

The tight integration with HPE Aruba Networking SSE accelerates the adoption of SASE, providing advanced security features like ZTNA (Zero Trust Network Access), SWG (Secure Web Gateway), and CASB (Cloud Access Security Broker).

By enabling secure, least-privilege access for remote workers and protecting sensitive data in cloud applications, our solution simplifies the journey to SASE and zero trust.

HPE Aruba Networking EdgeConnect SD-WAN also supports a best-of-breed approach to SASE by tightly integrating with multiple third-party SSE vendors facilitating SD-WAN deployment within sites already equipped with security solutions.



Technical specifications

**HPE Aruba Networking EdgeConnect 10150
2xRJ45 MGMT 8x10G/25G SFP28 2xPSU SD-WAN
Gateway**

Product Number	S2N65A
Input voltage	100-240 VAC
Regulatory	EMC: FCC Part 15 Class A; EN 55022 Class A; EN 61000-3-2/3-3 Safety: EN 55024; L/cUL 60950 / 62368; EN 60950 / 62368
Warranty	See the warranty duration guide

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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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