

Cloud Service Gateway

CSG150 Series Appliances Datasheet

Introduction

Versa Cloud Service Gateway (CSG) is an enterprise class networking and security appliance that is purpose built to deliver Software Defined WAN, security, routing and ZTNA services on-premises. CSG150 series appliances are ideal for deployments in smaller enterprise offices, kiosks, ATMs, and home offices.

Versa CSG150 series appliances running VOS™ (Versa Operating System) are supported by the Versa's centralized management software; Versa Director, Versa Analytics and Versa Concerto. Versa's software defined architecture helps migrate from legacy WANs, firewalls and NAC devices over to software-defined branch and home solution, achieving superior business agility, seamless connectivity and lower TCO.

Product Description

The versatile CSG150 series WAN Edge appliances deliver carrier-grade reliability, with enterprise-grade routing, SD-WAN, Next-Generation Firewall, UTM and on-premises ZTNA all in one appliance.

CSG150 has four 10M/100M/1G/2.5GbE NBASE-T Ethernet ports that can be configured to provide WAN or LAN connectivity. CSG150 also provides one PoE port to allow powering of a directly attached WLAN AP or VoIP phone.

CSG150 is a compact appliance with optimized size for deployment in small branches that require advanced application and cloud intelligence with hierarchical QoS, providing a cost-effective consolidated WAN Edge solution, can also run full stack of NGFW and UTM functions.

CSG150 is a fanless device using convection cooling, with no moving parts. Hence CSG150 generates no noise making it suitable for deployment in small enterprise offices and home office environments. Also, CSG150 has long life as it has no moving parts.

Versa CSG150 Series Advantages

The CSG150 series appliances are for entry-level appliances for Secure WAN Edge deployments. CSG150 is built to be cost competitive without compromise on performance, quality, lifetime and on feature-set to empower a vast set of secure deployment scenarios. CSG150 can be deployed by Enterprises and Managed Service Providers (MSPs) to offer scalable managed services and for a diverse set of small to medium sized branches.

Versatility and Flexibility

CSG150 series appliances are based on x86 architecture, taking advantage of the latest performance enhancements for packet processing to deliver efficient, high-performance experience for small branches and home offices. The innovative CSG150 series appliances are engineered to deliver scalable multi-tenant, enterprise-grade networking, and security services, such as L2, routing, SD-WAN, NGFW, UTM, CGNAT, 802.1x based access control and more. Please see VOS datasheet for complete list of features that VOS offers.



Resiliency and Manageability Advantage

The CSG150 series appliances are designed for resiliency and durability to ensure business continuity and services. The CSG150 series appliances have specially designed LEDs which intuitively provide device and interface status for ease of manageability. Features to simplify operations, accessibility are built-in including visibility of device operational status and health via status LEDs providing succinct visualization of the operational status of the device.

Security Advantage

The platform hardware has been designed with security built-into hardware, Integrated TPM chip and Secure Boot properties ensures integrity and security of critical factory installed data.

CSG150 supports comprehensive set of on-premises security features including Stateful Firewall, DOS Protection, IPSEC, full NGFW suite, full UTM suite, on-premises ZTNA and more. Ability to run full stack on-premises security ensures that appliance itself and network or devices behind the appliances are secured from attacks originated from outside.

Global Distribution and Certification

Versa CSG150 Series platforms are globally certified units available to our customers via Versa's globally extensive distribution network. CSG150 Series platforms are backed by 2 years of warranty and additional coverage can be purchased to extend warranty period or to provide Next Business Day or Same Day 4hr advance replacement options.

Scaling and Performance

Customers should select the right appliance model based on the expected throughput and features for their deployment. The table below lists the expected throughput of the appliance for a given scenario. If you need help with your deployment scenario please work with Versa sales reps for further guidance on appliance selection.

Use Case	CSG150
Recommended Deployment	Small Branch
Routing, Stateful Firewall, CGNAT	2,300 Mbps
SD-WAN DIA, NGFW DIA	1,900 Mbps
SD-WAN site to site	550 Mbps
NGFW + SD-WAN	450 Mbps
NGFW + AV	225 Mbps
NGFW + AV + SD-WAN	150 Mbps
NGFW + IPS	100 Mbps
NGFW + IPS + SD-WAN	80 Mbps
NGFW + UTM/UTP	75 Mbps
NGFW + UTM/UTP + SD-WAN	60 Mbps

(*) Performance and scaling numbers shared in product datasheets can vary from vendor to vendor depending on testing scenarios and testing methods utilized. Versa references real-life based scenarios for its performance testing. Furthermore, Versa's security functions run by default in high-security mode and performance numbers shared above are obtained in the same mode to provide best guidance to its customers. For details on each test scenario including running security functions in alternative mode such as higher performance mode, please contact Versa reps.

Warranty and Support

Versa Cloud Services Gateway 150 series appliances include a 2-year Return to Factory (RTF) Warranty. Versa Networks offers enhanced warranty and advanced replacement options which can be ordered with the hardware. For more details, please refer to the Versa Cloud Services Gateway Ordering Guide.

Hardware Specifications

	CSG150
Wired Interfaces	RJ45, 4x 10/100/1000/2500 NBASE-T ports
Management	RJ45 RS-232 console port USB 2.0, USB-A management port Dual purpose 10/100/1000/2500NBase-T PoE Ethernet port for data and management
TPM	Yes, TPM 2.0
USB	Yes, yes one USB-A
Unit Weight	Weight: 2.14 lbs. (.97 kg)
Unit Dimensions	WxDxH: 210mm x 179.5mm x 35 mm
PSU	100-240VAC, 50-60Hz, 1.8A (65W)
Unit Power	54Vdc @ 1.2A
PoE Port Output Power	30W max.
Cooling	Fanless
Mounting	Desktop
Operational Temperature	-5C to 45C @ 3,000m altitude
Storage Temperature	5 to 95% non-condensing
Humidity	-5C to 85C
FCC Classification	FCC Part 15 (Class A)

Ordering Guide

For more details on how to order CSG 150 series appliances, please refer to the ordering guide.

About Versa Networks

Versa Networks the leader in SASE offers fully featured SD-WAN with integrated NGFW/UTP, ZTNA, advanced scalable routing, SD-LAN, genuine multi-tenancy, big-data based analytics and latest AI-ML technologies as part of its single stack software solution. Versa Networks is privately held and funded by Sequoia Capital, Mayfield, Artis Ventures, Verizon Ventures, Comcast Ventures, Liberty Global Ventures, and Blackrock Ventures.

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