At a Glance

The Versa Cloud Services Gateway (CSG) 700 series appliances are next-generation branch networking and security appliances delivering SD-WAN, next-generation security, unified threat management (UTM), on premises ZTNA and carrier class routing features all in a single appliance. CSG700 series appliances deliver highly secure site-to-site data connectivity and security solutions to small- and medium-sized enterprise branch offices and to home offices.

The CSG700 series appliances run Versa Operating System^{TM} (VOS^{TM}) software, which integrates security, routing, SD-WAN, multitenancy, and analytics in a single operating system and supports Versa Networks management and control software, including Versa Director, Versa Analytics, and Versa Concerto. Versa Director supports configuration, monitoring, and provisioning of Versa CSG appliances, and Versa Analytics provides device, network, and security analytics for the Versa CSG appliances. Versa Concerto is an orchestration platform that uses the services of Versa Director, Versa Analytics, and Versa Controller in managing VOS devices.

These appliances provide the following features:

- Unified board design that supports different CPUs and memory sizes
- Up to 14 Ethernet ports including:
  - Four built-in 1-Gigabit-per-second (GB) Ethernet-over-copper (EoC) ports
  - Two 1GB EoC or SFP ports, available through separate interfaces
  - Four 1GB EoC with Power-over-Ethernet (PoE) ports, available if a network interface card (NIC) module is installed
  - Four 1GE SFP, if a GE SFP NIC module is installed
  - Eight 1GE EoC ports, available if an 8 port EoC GE NIC is installed
- MDI and MDIX autoswitchable EoC ports
- Two USB ports for plugging up to two external LTE modems
- PoE source support on four Ethernet ports
- Two built-in wireless slots–while each one mapping to its own SIM slot
- GPS connector for geographical location
- External AC power supply
- Kensington security lock to physically lock down the appliance
- Fanless design for in office deployment flexibility with no noise and long lifetime
- Fixed platform with no field-replaceable parts–designed to FIPS 140-2 level-2 compliant
- Desktop mount or rack-mountable in a 19-inch rack

CSG700 Appliance Models

The CSG700 appliances are available in the following models. The CSG700R series appliances are revision 2 of CSG700 platform with updated version and components based on latest available components.

- CSG730, with 32 GB of storage—Optimized for deployment in small enterprise branches that require advanced application and cloud intelligence with hierarchical QoS. CSG730 series appliances can operate in wider temperature range environments.
- CSG750, CSG750R with 64 GB of storage—Used for deployment in medium-sized enterprise branches that need advanced SD-WAN and security (NGFW, UTM, and ZTNA) features in a single appliance.
- CSG770, CSG770R with 128 GB of storage—Used for deployment in medium to larger enterprise branches that require higher performance SD-WAN and security solution. Furthermore, a scalable universal CPE (uCPE) is supported along with the other features to provide flexibility for hosting third-party virtual network functions (VNFs) using a single appliance.
- CSG780R, with 128 GB of storage—Used for deployment in medium to larger enterprise branches that require higher performance SD-WAN and security solution. Furthermore, a scalable universal CPE (uCPE) is supported along with the other features to provide flexibility for hosting third-party virtual network functions (VNFs) using a single appliance.

Chassis Views

Figure 1 and Figure 2 show the front and rear panels of the CSG730 appliance. The panels for the CSG750, CSG750R, CSG770, CSG770R, and CSG780R appliances are identical to the CSG730 appliance.

Note: The front panel is the side of the appliance with the SIM slots and two LEDs, for status and power. This is the side that is visible when you install the appliance in an office environment. The rear panel has the power and reset buttons and various connectors and ports. This is the side that is visible when you mount the appliance in a 19-inch rack.
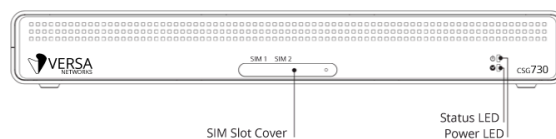
Figure 1: Front Panel of the CSG730 Appliance

Figure 2: Rear Panel of the CSG730 Appliance

WiFi Antenna Connector
GPS Connector
Ground Contact
LTE Antenna Connector
Power Button
Power Connector
Reset Button
Status LEDs
Console Ports
RJ-45 WAN Ports
SFP WAN Ports
Kensington Security
Lock Slot
LAN Ports 2-5
PoE Connection
(on NIC card)
LAN Ports 6-9
(on NIC card)
LTE Antenna Connector
WiFi Antenna Connector