CSG700 Series Appliance Specifications

The CSG700 series appliance chassis are made of aluminum for optimal heat dissipation. This article lists the chassis and regulatory compliance specifications for a CSG700 series appliance. It also lists certifications and export control classification numbers (ECCNs) for the appliance.

Chassis Specifications

Table 1 lists the chassis specifications for a CSG700 series chassis.

Table 1: CSG700 Series Chassis Specifications

Item	Specification
Services and Slot Density	
RJ-45 ports 10/100/1000 Mbps	4 + 2
SFP Ethernet ports	2
External USB ports (USB 2.0)	2
RJ-45 serial console port	1
Disk 1 SSD, M.2 SATA-based	1
Disk 1 SSD default size	CSG730: 32 GB CSG750, CSG750R: 64 GB CSG770, CSG770R: 128 GB CSG780R: 128 GB
Disk 2 and Disk 3, USB-based	Flexible
Power supply	AC input
Power Specifications	
AC input voltage	100–240 Volts

Item	Specification
AC input line frequency	50–60 Hz
Typical power consumption with PoE disabled	35 Watts
Typical power consumption with PoE enabled	60 Watts
Power supply efficiency rating	Platinum (80 Plus) or better
Chassis Physical Specifications	
Chassis height	1.75" (4.45 cm)
Chassis width	13.25" (33.65 cm)
Chassis depth	8.75" (22.22 cm)
Rack height	1 RU
Chassis weight	CSG730: 5.50 lb (2.50 kg) CSG750, CSG750R: 5.30 lb (2.41 kg) CSG770, CSG770R: 5.83 lb (2.65 kg) CSG780R: 5.83 lb (2.65 kg)
Package Specifications	
Package height	7" (17.78 cm)
Package width	16.87" (42.86 cm)
Package depth	12.25" (31.11 cm)
Package weight	CSG730: 8.62 lb (3.92 kg) CSG750, CSG750R: 8.62 lb (3.92 kg) CSG770, CSG770R: 8.71 lb (3.96 kg) CSG780R: 10.36 lb (4.70 kg)
Operating Conditions	
Temperature	• –25 to 60°C (–13 to 140°F), for CSG730 appliances, which are temperature-hardened • 0 to 40°C (32 to 104°F), for CSG750, CSG750R,

Item	Specification
	CSG770, CSG770R, and CSG780R appliances
Humidity	10 to 85% relative humidity
Altitude	Maximum 3000 m (10000 ft)
Noise level	0 dBm
Storage Conditions	
Temperature	–20 to 70°C (–4 to 158°F) at sea level
Humidity	10 to 85% relative humidity

CSG700 Series Appliances and 5G SKUs

CSG700 series SKUs have the following format:

model – xxx – yyy

model indicates the CSG700 appliances model number. It can be one of the following:

- CSG730
- CSG750
- CSG750R
- CSG770
- CSG770R
- CSG780R

xxx indicates the number and type of wireless modules. It can be one of the following:

- CSG730:
  - WLA—1 WiFi module and 1 LTE module (North America)
  - WLB—1 WiFi module and 1 LTE module (APAC)
  - 2LA—2 LTE modules (North America)
  - 2LB—2 LTE modules (APAC)
  - LA—1 LTE module (North America)
  - LB—1 LTE module (APAC)
  - W—1 WiFi Module
- CSG750 and CSG770:

- ◦ 5G—1 5G module
- ◦ W5G—1 WiFi module and 1 5G module
- ◦ WLA—1 WiFi module and 1 LTE module (North America)
- ◦ WLB—1 WiFi module and 1 LTE module (APAC)
- ◦ 2LA—2 LTE modules (North America)
- ◦ 2LB—2 LTE modules (APAC)
- ◦ LA—1 LTE module (North America)
- ◦ LB—1 LTE module (APAC)
- ◦ W—1 WiFi Module
- CSG750R and CSG770R:
  - ◦ W6LG—Base model with CAT12 modem, WiFi 6 module, and advanced LTE module
  - ◦ WLG—Base model with WiFi 5 module and advanced LTE module
- CSG780R:
  - ◦ Base model

yyy indicates the type and number of NIC ports. It can be one of the following:

- 4GP-120 W—4 port GE PoE 120 W EoC
- 4GP-120 W—4 port GE PoE 120 W NIC
- 8GE—8 port GE NIC
- 8GP—8 port GE EoC
- 4GF – 4 port GE SFP
- T1/E1—1 T1/E1 NIC port
- xDSL—1 VDSL NIC port
- Blank—No LTE or WiFi Module and no NIC for 5G and W5G

Regulatory Compliance

Table 3 lists the regulatory compliance specifications for a CSG700 series chassis.

Table 3: CSG700 Series Regulatory Compliance Specifications

Item	Specification
Safety	CB (IEC/EN60950-1 and IEC/EN 62368-1) UL (CSA 22.2 No 62368-1 and UL62368-1)
Security	TPM 2.0 Designed to be FIPS 140-2 Level 2 compliant

Item	Specification
EMC	CE, FCC Part 15, Class A
Environmental	RoHS

Certifications

A CSG700 series appliance complies with the product safety and regulatory compliance listed in Table 5. For the latest list of certifications and regulatory compliance for various regions, contact Versa Networks customer support.

Table 5: CSG700 Series Certifications

Region	Certifications
European Union	Safety: • EN 60950-1:2005 • EN 62368-1:2014 EMC and Radio Frequency (Bluetooth, GPS, and MPE (SAR Evaluation)): • EN 301 489-1 v2.2.3:2019-11 • EN 301 489-17 v3.2.4:2020-09 • EN 301 489-52 v1.2.1:2021-11 • EN 55032:2015 + AC:2016 • EN 55035: 2017 • EN 61000-3-2:2014 • EN 61000-3-3:2013 • EN 301 893 V2.1.1 (2017-05) • EN 303 413 V1.1.1 (2017-06) • EN 301 908-1 v13.1.1 • EN 301-908-2 v13.1.1 • EN 301 908-13 v13.1.1 • EN 301 908-1 v15.1.1 • EN 301 908-25 v0.0.9 (draft) • EN 300 328 V2.2.2 (2019-07) • EN 62311: 2008

Region	Certifications
America	Safety: • UL 62368-1, Second Edition. EMI and Wireless: • FCC 47 CFR Part 15, Subpart B, Class A • FCC 47 CFR Part 15C, Subpart C (Section 15.247)
Japan	Telecom, Radio, EMI: • JATE - Article 9 and34 • MIC - ARIB STD-T66 (V3.7) • VCCI - CISPR 32:2016 Class A

Export Control Information

Table 7 lists the ECCN, HTS, and CCATS numbers.

Table 7: ECCN, HTS, and CCATS Numbers

Item	ECCN Number	HTS Number	CCATS Number	Versa Use of Item
MatrixSSL software module	5E002	8542310000	G161333	SSL VPN Proxy
QuickSec IPsec toolkit used by Versa Analytics, Versa Director and Versa Operating System^{TM} (VOS^{TM}) device	5D002	8542310000	G161333	IPsec crypto module
Hardware-based encryption and decryption	5A002U	8542310001	G156910L1	CSG700 series appliance