CSG5000 Series Appliance Specifications

This article lists the chassis and regulatory compliance specifications for the Cloud Services Gateway (CSG) 5000 series appliances. It also lists certifications and export control classification numbers (ECCNs) for the appliance.

Chassis Specifications

Table 1 lists the chassis specifications for the CSG5000 appliance.

Table 1: CSG5000 Appliance Chassis Specifications

Item	Specification
Services and Slot Density	
RJ45 management port 10/100/1000BASE-T	1
RJ45 IPMI port 10/100/1000BASE-T	1
External USB ports (USB 3.0 Type A)	2
RJ-45 RS232 serial console port	1
10/25-Gigabit Ethernet SFP+/SFP28 ports for LAN/WAN interfaces	16
100-Gigabit Ethernet QSFP28 Ethernet ports for WAN/LAN interfaces	4
Trusted Platform Module (TPM) interfaces	2.0 module
Power supply	850 W, field-replaceable 1+1 redundant, hot-swappable AC input
Hardware offload engines for cryptography and for compression and decompression	2 internal C627-based QAT engines
Power Specifications	
AC input voltage	100–240 Volts
AC input line frequency	50–60 Hz

Item	Specification
Maximum power rating	850 W
Typical power consumption	383 W
Power supply efficiency rating	Platinum (80 Plus) or better
Chassis Physical Specifications	
Height	3.46" (88 mm)
Width	17.24" (438 mm)
Depth	23.62" (600 mm)
Weight	33 lb (15 kg)
Height	2 RU
Package Specifications	
Height	12.00" (305 mm)
Width	24.80" (630 mm)
Depth	34.65" (880 ;mm)
Weight	55 lb (25 kg)
Operating Conditions	
Temperature	0°C to 40°C (32°F to 104°F) at sea level
Humidity	15% to 85% non-condensing
System cooling	Front-to-back airflow with 3 field-replaceable fans with built-in 2+1 redundancy
Storage Conditions	
Temperature	–20°C to 80°C (–4°F to 167°F) at sea level
Humidity	15% to 85% non-condensing

Regulatory Compliance

Table 2 lists the regulatory compliance specifications for the CSG5000 appliance chassis.

Table 2: CSG5000 Appliance Regulatory Compliance Specifications

Item	Specifications
Security	TPM 2.0
EMC	FCC (US), CE (EU), CB (IEC), UL
Environmental	RoHS 2.0

Certifications

CSG5000 appliances comply with the certificates listed in Table 3.

Table 3: CSG5000 Appliance Certifications

Region	Certifications
Australia and New Zealand	AS/NZS CISPR 32:2015 + AMD1:2020 Class A
European Union	CE—EU Directive 2014/30/EU • EN 55011:2016+A2:2021 Class A Group 1 • CISPR 11:2015+AMD1:2016+AMD2:2019 Ed 6.2 Class A Group 1 BS EN 55011:2016+A2:2021 Class A Group 1 • EN 55032:2015+A1:2020 Class A / BS EN 55032:2015+A1:2020 Class A CISPR 32:2015+AMD1:2019 Class A • EN IEC 61000-6-4:2019 / BS EN IEC 61000-6-4:2019 • EN IEC 61000-3-2:2019+A1:2021 Class A / BS EN IEC 61000-3-2:2019+A1:2021 Class A EN 61000-3-3:2013+A1:2019 / BS EN 61000-3-3:2013+A1:2019 • EN 55035:2017+A11:2020 / BS EN 55035:2017+A11:2020 EN IEC 61000-6-2:2019 / BS EN IEC 61000-6-2:2019 • EN 61000-4-2:2009 / EN IEC 61000-4-3:2020 / EN 61000-4-4:2012 • EN 61000-4-5:2014+A1:2017 / EN 61000-4-6:2014+AC:2015 / EN 61000-4-8:2010 EN IEC 61000-4-11:2020+AC:2020-06
Japan	VCCI—CISPR 32:2016 Class A

Region	Certifications
United States and Canada	FCC CFR Title 47, Part 15, Subpart B, Class A ICE-003, Issue 7, October 2020 ANSI C63.4-2014 ANSI C63.4a-2017

Export Control Information

Table 4 lists the ECCN, HTS, and CCATS numbers for a CSG5000 appliance.

Table 4: ECCN, HTS, and CCATS Numbers

Item	ECCN Number	HTS Number	CCATS Number	Versa Use of Item
Embedded SSL software module	5E002	8542310000	G161333	SSL VPN proxy
IPsec toolkit used by Versa Operating System^{TM} (VOS^{TM}) devices	5D002	8542310000	G161333	IPsec cryptographic module
CSG5000 series appliance	5A002A	8517620090	G191284	CSG5000 appliance

Restriction Level Information

A CSG5000 appliance complies with the restriction level listed in Table 5.

Table 5: CSG5000 Appliance Restriction Level Information

Versa Product	ECCN Number	HTS Number	CCATS Number	Export Classification Details	Encryption Status	Encryption Eligibility
CSG5000 appliance	5A002A	8517620090	G191284	CSG5000 export classification number	Restricted	740.17(A) and (B)(2)(i)(A)

Versa Product	ECCN Number	HTS Number	CCATS Number	Export Classification Details	Encryption Status	Encryption Eligibility
				assigned by BIS		