



CSX4000 Series Appliance Specifications

This article lists the chassis and regulatory compliance specifications for the Cloud Services Switch (CSX) 4000 series appliances. It also lists the certifications and export control classification numbers (ECCNs) for the appliances.

Chassis Specifications

CSX4300 Appliance

Table 1 lists the chassis specifications for a CSX4300 appliance.

Table 1: CSX4300 Appliance Chassis Specifications

Item	Specification
Services and Slot Density	
1-Gigabit Ethernet RJ-45 RS232 serial console port	1
1-Gigabit Ethernet copper management port	1
1-Gigabit Ethernet Power over Ethernet (PoE)++ (90 W) ports for LAN edge/access interfaces	48
25/10-Gigabit Ethernet SFP28 ports for switch interfaces	4
100-Gigabit Ethernet QSFP28 ports for switch interfaces	2
External USB ports (USB 2.0)	1 (2)
LTE wireless interfaces	2
SSD	64 GB (128 GB)
TPM	Yes
Cryptographic acceleration	Built-in hardware crypto offload engine
Power supply	Field replaceable, redundant, and hot-swappable 2 x 1000 W (115 VAC) or 1200 W (230 VAC) PSU

Item	Specification
Power Specifications	
AC input voltage	100–240 Volts
AC input line frequency	50–60 Hz
Maximum power rating	1000 W or 1200 W
Chassis Physical Specifications	
Height	1.73" (44 mm)
Width	17.32" (440 mm)
Depth	18.50" (470 mm)
Weight	16.91 lb (7.67 kg)
Rack height	1 RU
Package Specifications	
Height	9.64" (245 mm)
Width	23.62" (600 mm)
Depth	28.34" (720 mm)
Weight	19.84 lb (9 kg)
Operating Conditions	
Temperature	0°C to 45°C (32°F to 113°F) at sea level
Humidity	15% to 90% non-condensing
System cooling	Front-to-back cooling with FRU fans with built-in 3+1 redundancy
Acoustic noise level	Idle: 52.3 dBA Full load: 66.8 dBA
Storage Conditions	
Temperature	–20°C to 70°C (–4°F to 158°F) at sea level
Humidity	15% to 90%

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CSX4500 Appliance

Table 2 lists the chassis specifications for a CSX4500 appliance.

Table 2: CSX4500 Chassis Specifications

Item	Specification
Services and Slot Density	
1-Gigabit Ethernet RJ-45 RS232 serial console port	1
1-Gigabit Ethernet copper management port	1
10/5/2.5/1-Gigabit Ethernet PoE++ (90 W) ports for LAN edge/access interfaces	12
2.5/1-Gigabit Ethernet PoE++ (90 W) ports for LAN edge/access interfaces	36
25/10-Gigabit Ethernet SFP28 ports for switch interfaces	4
100-Gigabit Ethernet QSFP28 ports for switch interfaces	2
External USB ports (USB 2.0)	1 (2)
LTE wireless interfaces	2
SSD	128 GB
TPM	Yes
Cryptographic acceleration	Built-in hardware crypto offload engine
Power supply	Field replaceable, redundant, and hot-swappable 2 x 1000 W (115 VAC) or 1200 W (230 VAC) PSU
Power Specifications	
AC input voltage	100–240 Volts
AC input line frequency	50–60 Hz
Maximum power rating	1000 W or 1200 W
Power supply efficiency rating	Platinum (80 Plus) or better
Chassis Physical Specifications	
Height	1.73" (44 mm)

Item	Specification
Width	17.32" (440 mm)
Depth	18.50" (470 mm)
Weight	16.91 lb (7.67 kg)
Rack height	1 RU
Package Specifications	
Height	9.64" (245 mm)
Width	23.62" (600 mm)
Depth	28.34" (720 mm)
Weight	19.84 lb (9 kg)
Operating Conditions	
Temperature	0°C to 45°C (32°F to 113°F) at sea level
Humidity	15% to 90% non-condensing
System cooling	Front-to-back cooling with FRU fans with built-in 3+1 redundancy
Acoustic noise level	Idle: 52.3 dBA Full load: 66.8 dBA
Storage Conditions	
Temperature	–20°C to 70°C (–4°F to 158°F) at sea level
Humidity	15% to 90%

Regulatory Compliance

Table 3 lists the regulatory compliance specifications for the CSX4000 series appliance.

Table 3: CSX4000 Series Regulatory Compliance Specifications

Item	Specification
Safety	2014/35/EU <ul style="list-style-type: none"> • UL/CSA62368-1 • IEC60950-1 • IEC62368-1
Security	TPM 2.0
EMC	FCC Part 15, Class A (US), CE (EU), CB (IEC)
Environmental	RoHS 2.0

Certifications

CSX4000 series appliances comply with the certificates listed in Table 4.

Table 4: CSX4000 Series Certifications

Region	Certifications
European Union	Safety and EMC <ul style="list-style-type: none"> • EN 60950-1:2005 • EN 62368-1:2014 • CE—EU Directive 2014/35/EU 2014/30/EU
Japan	VCCI—CISPR 32:2016 Class A
United States	EMI and wireless <ul style="list-style-type: none"> • FCC 47 CFR Part 15, Subpart B, Class A • ANSI C63.4-2014

Export Control Information

Table 5 lists the ECCN, HTS, and CCATS numbers for a CSX4000 series appliance.

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Table 5: 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™ (VOS™) devices	5D002	8542310000	G161333	IPsec cryptographic module
Hardware-based encryption and decryption	5A002U	8542310001	G156910L1	CSX4000 appliance

Restriction-Level Information

A CSX4000 series appliance complies with the restriction level listed in Table 6.

Table 6: CSX4000 Series Restriction Level Information

Versa Product	ECCN Number	HTS Number	CCATS Number	Export Classification Details	Encryption Status	Encryption Eligibility
CSX4000 series appliances	5A002A	8517620090	G193234	CSX4000 export classification number assigned by BIS	Restricted	740.17(A) and (B)(2)(i)(A)