



SN 5420 Storage Router Specifications

This appendix provides chassis specifications and regulatory compliance standards information for the SN 5420 storage router. The appendix includes the following sections:

- [Chassis Specifications, page A-2](#)
- [Regulatory Standards Compliance, page A-3](#)

Chassis Specifications

Table A-1 describes the chassis specifications for the SN 5420 storage router.

Table A-1 SN 5420 Storage Router Chassis Specifications

Specification	Description
Environmental	
Temperature, ambient operating	32 to 104°F (0 to 40°C)
Temperature, ambient nonoperating and storage	−40 to 185°F (−40 to 85°C)
Humidity (RH), ambient (non-condensing) operating	10 to 95 percent non-condensing
Humidity (RH), ambient (noncondensing) nonoperating and storage	10 to 95 percent non-condensing
Altitude, operating and nonoperating	−500 to 10,000 ft (−152.4 to 3,048 m)
Physical Characteristics	
Dimensions (H x W x D)	1.75 x 17 x 15.5 in. (4.4 x 43.2 x 39.4 cm) 1 RUs ¹ in height
Weight	7.5 lb (3.4 kg)
AC Power	
Power supply output	70W
System power dissipation	35W
AC current	1.0A maximum @ 100 to 120 VAC 0.5A maximum @ 200 to 240 VAC
AC frequency	50 to 60 Hz
Airflow	Right and left side in, rear out
Power Supply	
Fuse (F1) rating	1A, 250 VAC, time delay

1. RU = rack unit

Regulatory Standards Compliance

The SN 5420 storage router complies with the standards listed in [Table A-2](#). See the following sections for EMC notices and warnings:

- [EMC Environmental Conditions for Product to be Installed in the European Union, page A-5](#)
- [\(FCC\) Class A Warning, page A-5](#)
- [Canada Class A Warning, page A-6](#)
- [\(CISPR 22\) Class A Warning, page A-6](#)
- [Japan \(VCCI\) Class A Warning, page A-6](#)
- [Taiwan \(BSMI\) Class A Warning, page A-7](#)
- [Hungarian Class A Warning, page A-7](#)

Regulatory Standards Compliance

Table A-2 SN 5420 Storage Router Regulatory Standards Compliance

Item	Description
Regulatory Compliance	Products bear CE Marking indicating compliance with the (89/366/EEC, 73/23/EEC) directives, which includes the following safety and EMC standards.
Safety	UL 60950 ¹ CAN/CSA-C22.2 No. 950 ² EN 60950 ³ IEC 60950 ⁴ TS 001 ⁵ AS/NZS 3260 ⁶
EMC ⁷	FCC (CFR 47, part 15) Class A ^{8,9} EN 55022 Class A with UTP ¹⁰ cabling EN 55022 Class B with FTP ¹¹ cabling CISPR 22 ¹² Class A with UTP cabling CISPR 22 Class B with FTP cabling AS/NZS 3548 ¹³ Class A with UTP cabling AS/NZS 3548 Class B with FTP cabling VCCI ¹⁴ Class A with UTP cabling VCCI Class B with FTP cabling EN 55024 EN 50082-1 ICES 003 Class A ETS 300 386-2 ¹⁵

1. UL = Underwriters Laboratories
2. CSA = Canadian Standards Association
3. EN = European Norm
4. IEC = International Electrotechnical Commission
5. Technical Standard (Australian Communications Authority)

6. AS/NZS = Australia/New Zealand Standards
7. EMC = electromagnetic interference compatibility
8. FCC = Federal Communications Commission
9. CFR = Code of Federal Regulations
10. UTP = unshielded twisted-pair
11. FTP = foil-screened twisted pair
12. CISPR = Comite Internations Special Des Perturbations Radioelectriques
13. AS/NZS = Australia/New Zealand Standards
14. VCCI = Voluntary Control Council for Information Technology Equipment - Japan Standard
15. ETS = European Telecommunications Standards

EMC Environmental Conditions for Product to be Installed in the European Union

This equipment is intended to operate under the following environmental conditions with respect to EMC:

1. A separate defined location under user's control.
2. Earthing and bonding shall meet the requirements of ETS 300 253 or CCITT K27.
3. Where applicable, AC power distribution shall be one of the following types: TN-S and TN-C [as defined in IEC 364-3]

In addition, if equipment is operated in a domestic environment, interference may occur.

(FCC) Class A Warning

Modifying the equipment without Cisco's authorization may result in the equipment no longer complying with FCC requirements for Class A or Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the

equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Canada Class A Warning

This Class 'A' digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe 'A' est conforme á la norme NMB-003 de Canada.

(CISPR 22) Class A Warning

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Japan (VCCI) Class A Warning

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

46364

Translation

This is a Class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective actions.

Taiwan (BSMI) Class A Warning

警告使用者 這是甲類資訊產品，在居住環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

Translation

This is a Class A Information Product, when used in residential environment, it may cause radio frequency interference, under such circumstances, the user may be requested to take appropriate countermeasures.

Hungarian Class A Warning

Figyelmeztetés a felhasználói kézikönyv számára: Ez a berendezés "A" osztályú termék, felhasználására és üzembe helyezésére a magyar EMC "A" osztályú követelményeknek (MSZ EN 55022) megfelelően kerülhet sor, illetve ezen "A" osztályú berendezések csak megfelelő kereskedelmi forrásból származhatnak, amelyek biztosítják a megfelelő speciális üzembe helyezési körülményeket és biztonságos üzemelési távolságok alkalmazását.

Translation

This equipment is a class A product and should be used and installed properly according to the Hungarian EMC Class A requirements (MSZEN55022), the Class A equipment are derived for typical commercial establishments for which special conditions of installation and protection distance are used.

■ Regulatory Standards Compliance