AXIS Camera Station S1232 Rack Recording Server

Flexible and scalable recording server

Featuring powerful components, this secure, scalable recording server offers high performance and support for powerful applications and features. It includes AXIS Camera Station Pro licenses and multiple RAID configurations for flexible storage and multiple redundancy configuration. And, a Trusted Platform Module (FIPS 140-2 level 2 certified) ensures secure storage of all cryptographic keys and certificates. Available in two variants with a choice of storage, it comes preloaded with preconfigured software. Plus, all supported products are available in one price list for a one-stop-shop experience. Furthermore, it offers services such as Keep Your Hard Drive, Next Business Day Onsite Support, and a 5-year warranty.

- Scalable and powerful solution
- Flexible storage options including RAID
- Available in 2 variants: 16 TB and 32 TB
- 32 AXIS Camera Station Pro licenses included
- Extensive support and 5-year warranty

AXIS Camera Station S1232 Rack Recording Server

Variants
S1232 Rack 16 TB
S1232 Rack 32 TB

Licenses
32 AXIS Camera Station Pro Core Device NVR licenses and 10 AXIS Audio Manager Pro licenses included and tied to the hardware. Can be upgraded with additional licenses (sold separately).

System scalability
Qualified for 128 doors and a recording bitrate up to 500 Mbit/s, 64 video channels at 4 MP, 30 fps in a retail scenario.
Check AXIS Site Designer for storage estimates.
Can be scaled with more devices when using AXIS S30 Recorder Series.
Qualified for 200 simultaneous audio streams using AXIS Audio Manager Pro.
Qualified for up to 1,000 doors with access control only.
Tested with:
20 live view clients
3 clients performing heavy playback or scrubbing operations

Hardware

Processor
Intel® Xeon® E processor

Memory
2x 16 GB[1]

Storage
S1232 Rack 16 TB
Hot swappable Enterprise Class SATA HDD
Total HDD slot: 4
Free HDD slot: 0
Out-of-the-box storage: 12 TB after RAID 5
Out-of-the-box capacity without RAID: 16 TB (4x4 TB)
S1232 Rack 32 TB
Hot swappable Enterprise Class SATA HDD
Total HDD slot: 4
Free HDD slot: 0
Out-of-the-box storage: 24 TB after RAID 5
Out-of-the-box capacity without RAID: 32 TB (4x8 TB)

RAID
Factory RAID level: 5
Supported RAID levels: 0, 1, 5, 6, 10

Power
2 x 600 W hot-plug redundant power supplies (included)
(100–240 V AC, 7.1–3.6 A, 50/60 Hz)

Power consumption
Typical: 127 W (433 BTU/h)
Maximum: 158 W (539 BTU/h)

Connectors
Front side:
1x USB 2.0
1x iDRAC direct port
Rear side:
1x USB 2.0
1x USB 3.2
1x VGA
1x Serial port
1x iDRAC dedicated Ethernet port
2x RJ45 1 Gbps

Video

Video streaming
Not intended for local viewing of video.
Recommended to use Axis workstations.

Approvals

Supply chain
TAA compliant

EMC
EN 55032 Class A, EN 55035, EN 61000-3-2, EN 61000-3-3, FCC Part 2 and 15 Class A, ISED ICES-003 Class A, RCM AS/NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835, VCCI 32-1 Class A, BSMI

Safety
IEC/EN/UL 62368-1, EN 62311, NOM-019-SCFI-1998, IS 13252

1. *Units produced prior to September 1, 2024: 2x 8 GB*

Cybersecurity

Edge security
Support for encrypted operating system drive and recording drive
FIPS 140-2 level 2 certified Trusted Platform Module (TPM 2.0)
SBOM
Secure Boot

General

Operating system
Microsoft® Windows® 11 IoT Enterprise LTSC 2024[2]
Built-in operating system recovery: yes
Operating system drive: 480 GB SSD[3]

Remote server management
iDRAC 9 basic license

Operating conditions
10 °C to 35 °C (50 °F to 95 °F)
Humidity 8–80% RH (non-condensing)

Storage conditions
Humidity 5–95% RH (non-condensing)

Dimensions
Height: 42.8 mm (1.69 in), 1U chassis
Width: 482 mm (18.98 in)
Depth without bezel: 585.3 mm (23.04 in)
Depth with bezel: 598.9 mm (23.58 in)
Product installation depth[4]: 563.3 mm (22.18 in)
Rack rails:
Type: static, square hole
Minimum rail depth[5]: 622 mm (24.49 in)
Rail adjustability range[6]: 608–879 mm (23.94 – 34.61 in)
For more information, see the Dell EMC Enterprise Systems Rail Sizing and Rack Compatibility Matrix

Weight
S1232 Rack 16TB 12.9 kg (28.44 lb)
S1232 Rack 32TB 12.7 kg (28 lb)[7]

Included accessories
Dell Ready Rails 1U Static Rails, 2x C13 to C14 power cords for rack PDU (Wall plug power cords are not included)

Optional accessories
Axis workstations
Enterprise hard drives
For more accessories, see *axis.com*

Services
Next Business Day Onsite Support
Keep Your Hard Drive

Warranty
5-year warranty, see *axis.com/warranty*

Export control
This product is subject to export control regulations, and you should always comply with all applicable national and international export or re-export control regulations.

Sustainability

Substance control
RoHS in accordance with EU RoHS Directive 2011/65/EU/, as amended by 2015/863/EU.
REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see *echa.europa.eu*.

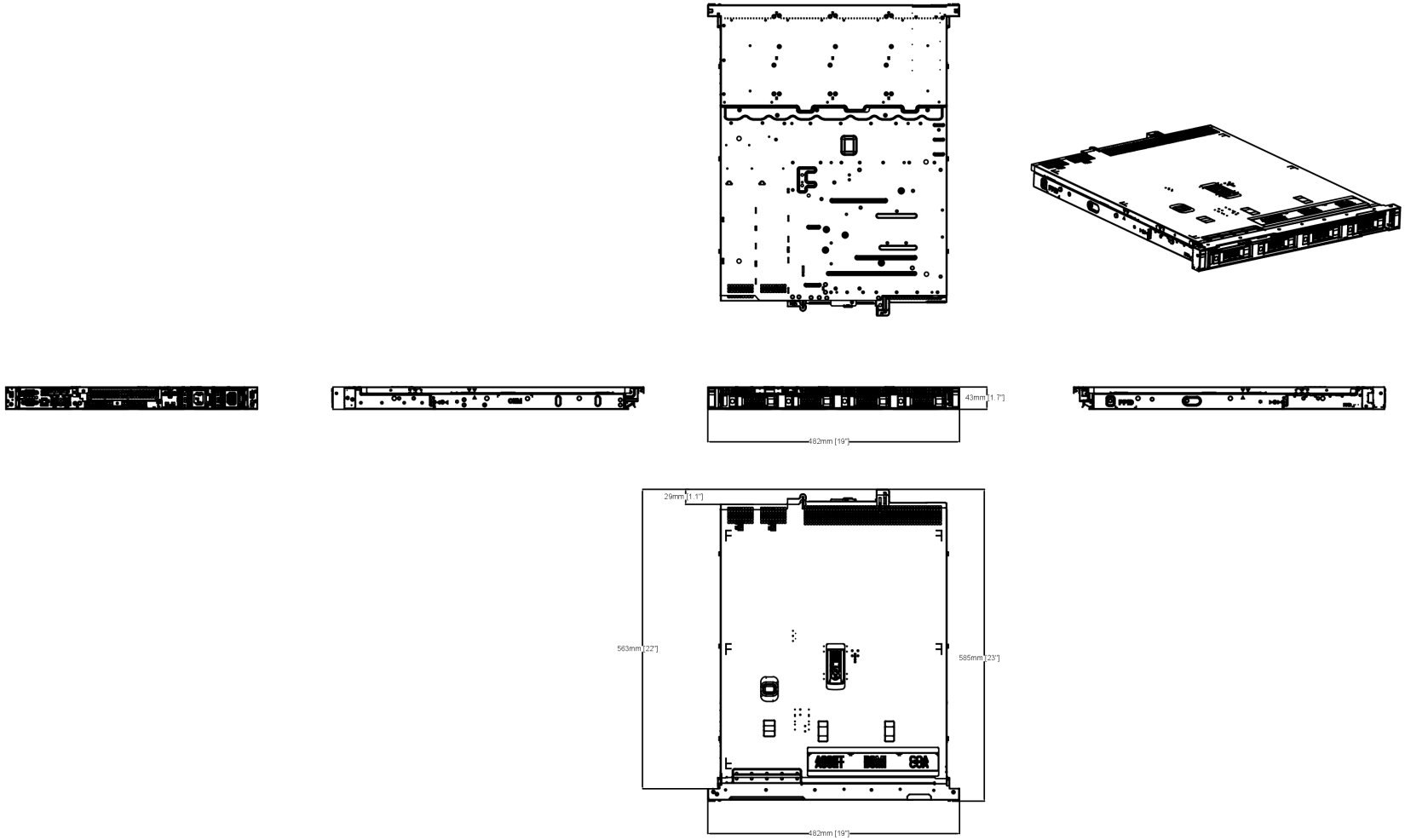
Materials
Recycled plastics material content: 65.0% (Post Consumer recycled)[8]
To read more about sustainability at Axis, go to *axis.com/about-axis/sustainability*

Environmental responsibility
axis.com/environmental-responsibility
Axis Communications is a signatory of the UN Global Compact, read more at *unglobalcompact.org*

2. *Units produced prior to July, 2025: Microsoft® Windows® 10 IoT Enterprise LTSC 2021*
3. *Units produced prior to September 1, 2024: 240 GB SSD*
4. *Measured from the outside-facing surface of the front rack post to the back of the product.*
5. *Measured from the outside-facing surface of the front rack post until the end of the rail.*
6. *The allowable distance between the outside-facing surface of the front and rear rack posts.*
7. *Units produced prior to September 1, 2024: 12.9 kg (28.44 lb)*
8. *Measured as a percentage of total amount of plastic (by weight) in the product as per guidance in EPEAT standard as applies to plastics parts*

AXIS Camera Station Pro

For details about AXIS Camera Station Pro features and functions, see the AXIS Camera Station Pro datasheet on *axis.com*



AXIS S1232 Rack

Revision	v.01	Revision date	2026-03-31
Paper size	A4	Release date	2022-12-15
Created by	MF	Scale	1:10

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Highlighted capabilities

SBOM (Software Bill of Materials)

SBOM is a detailed list of all software components included in an Axis product, including third-party libraries and license information. This list provides customers with insight into the product's software composition, facilitating the management of software security and meeting transparency requirements.

TPM (Trusted Platform Module)

TPM is a security chip integrated into Axis devices to provide a secure environment for storing and processing sensitive data. As a component providing a set of cryptographic features, the TPM protects information from unauthorized access. Specifically, it securely stores the private key, which never leaves the TPM, and processes all related cryptographic operations within the module itself. This ensures the secret part of the certificate remains safe even in the event of a security breach. By enabling features like encryption, authentication, and platform integrity, the TPM contributes to safeguarding the device against unauthorized access and tampering.

Secure Boot

Secure Boot is a security system that ensures only approved software (operating system and embedded switch firmware when applicable) runs on an Axis device at startup. It uses a boot process consisting of an unbroken chain of cryptographically validated software, starting in immutable memory (boot ROM), to verify the authenticity of the software. By establishing the trust chain, Secure Boot guarantees that the device only executes software with a valid digital signature, preventing malicious code from running on the device and ensuring the device boots only with a signed software.

For more information, see *axis.com/glossary*

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