NXSFF8C

8-Channel Nx Witness Recording Server



A compact, fanless recording server for 8 IP cameras, built to run Nx Witness. It is silent, small enough to sit on a desk, and can also be mounted via VESA, DIN rail or bracket. It ships with two 4TB NVMe drives already fitted, giving about 31 days of continuous recording for 8 × 5MP cameras at 10fps in H.265.

Key features

- Supports 8 IP cameras (not a hard limit)
- H.265, H.264 and MJPEG video compression
- 2 × 4TB NVMe SSDs supplied and fitted (8TB total)
- Fanless, silent operation for offices, shops and plant rooms
- Dual 2.5GbE network ports
- Powered by PoE+ or 12V DC
- Ubuntu 24.04 LTS operating system
- Web-based setup and firmware upgrade
- Alarm inputs and outputs
- 3 Year Return to Base Warranty

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Recording

Channels	8 IP cameras (not a hard limit)
Recording throughput	Up to 80Mbps
Video compression	H.265, H.264, MJPEG
Recording storage	2 × 4TB NVMe SSD, supplied and fitted (8TB total)

System

Processor and memory	Intel quad-core, up to 3.6GHz, 4GB RAM
Operating system	Ubuntu 24.04 LTS, 32GB internal system storage
Management	Web-based setup and firmware upgrade
Local client	Built-in Nx Witness Client via HDMI, for local setup and occasional viewing (limited to 2 × 4MP or 4 × 1080p streams while recording)

Interfaces

Network	2 × 2.5GbE
Alarm I/O	4 x inputs (wet 5V or dry contact), 2 x outputs (dry contact, 24V 1A)
USB	2 x USB 3.0
Audio	1 × 3.5mm headphone jack with microphone input, supporting two-way audio

Power and physical

Power	PoE+ (802.3at) or 12V DC, 18W maximum. PoE only powers the server itself, not connected cameras
Cooling	Fanless
Operating range	-20°C to 60°C
Dimensions	135mm x 140mm x 40mm (W x D x H), excluding mount
Mounting	VESA, DIN rail or bracket, or desktop use (VESA mount sold separately)
Warranty	3 Year Return to Base Warranty

Retention guide

About 31 days for 8 × 5MP cameras at 10fps in H.265, depending on scene and bitrate settings.

Ordering and licensing

Nx Witness licences are quoted separately. Contact us for pricing and availability.

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