

300 Series

SecurOS® VMS Servers



Up to 900 Mbps Throughput



Intel® Xeon® Silver 4309Y Processor



Up to 240TB Raw Data Storage



(2) SSD OS Drives (RAID1)



Redundant Power Supplies



DAS, SAN, and NAS Expansion Options



Windows 11 Pro / Windows Server 2022

Provides Scalable, Secure, and Robust platforms for end-to-end security solutions.

The ISS server line provides scalable, secure, and robust platforms for end-to-end security solutions. It is optimized to run our industry-leading SecurOS® Video Intelligence Platform and designed for small- to large-scale deployments with large camera counts and bandwidth requirements in mind. Additionally, the servers are engineered to efficiently run ISS video analytics modules and to support SAN/NAS expansions.

The SecurOS® VMS Server 300 Series is a powerful rackmount hardware platform, designed to meet the most demanding security video requirements. The 300 Series are enterprise network video recorders designed for mid-scale to large video surveillance dep-

loyments, and are optimized for up to 900 Mbps of throughput for continuous recording. These servers deliver cost-effective performance and an ease of deployment and reliability that ensures the system gets up and running fast and stays that way. The 300 Series offers high throughput and performance balance for the camera load while scalable architecture keeps stride with retention requirements.

Best in class components with a warranty to match, the SecurOS® Servers are designed to give you the power you need with the performance you can rely on. ISS tests, tunes, and guarantees that each server endures the toughest installations.



Enterprise Video & Analytics Servers Designed for Your Security and Business Needs.

Specifications

System

Windows	Windows 11 Pro Windows Server 2022 (optional)
CPU	Intel® Xeon® Silver 4309Y (8 Cores, 16 Threads)
RAM	16GB (2 x 8GB) DDR4
OS Drive	2 x 240GB SSD (RAID1)
Max. Data Storage	Up To 240TB Raw (12 x 20TB, SATA Drives)
RAID	JBOD, 0, 1, 5, 6, 10
RAID Controller	PERC H755
Network	4 x 1GbE NIC
GPU	Integrated Matrox G200
Video Outputs	1 x VGA
USB	Front: 1 x USB 2.0; Rear: 1 x USB 2.0; 1 x USB 3.0
Remote Management	iDRAC Express
Warranty	5-Year Next Business Day, Onsite Warranty (Keep Your Own Hard Drives)
Accessories included	Rail Kit

Mechanical / Environmental

Form Factor	2U Rackmount
OS Drive Bays	2 x M.2 SSD
Data Drive Bays	12 x 3.5" Hot Swap
Power Supply	2 x 800W Hot Swap
AC Input VAC Freq.	100 VAC to 240 VAC
Operating Temperature	50°F to 95°F (10°C to 35°C)
Operating Humidity	5% to 90% (non-condensing)
Dimensions (WxDxH)	18.98" x 27.86" x 3.4" (482mm x 708mm x 86mm)
Max. Weight	75 lbs (33.0 kg) Fully Populated
Safety and Emissions	Energy Star, CEC, CECP, FCC, UL

Ordering Information

Server Part Numbers	SOS-NVR-300, SOS-NVR-300-24T, SOS-NVR-300-48T, SOS-NVR-300-64T, SOS-NVR-300-80T, SOS-NVR-300-96T, SOS-NVR-300-120T, SOS-NVR-300-144T, SOS-NVR-300-160T, SOS-NVR-300-176T, SOS-NVR-300-192T, SOS-NVR-300-220T, SOS-NVR-300-240T
Server Add-On Options	SOS-NVR-300-WIN22: <i>Upgrade from Windows 11 Pro to Windows Server 2022 Standard</i> SOS-NVR-300-MEM-32GB: <i>Upgrade RAM from 16GB to 32GB</i>

