550 Series

SecurOS® Analytics Servers

5 Year Warranty · 5 Year Warranty · 5 Year Warranty · 5 Year Warranty

Optimized for SecurOS® Video Analytics	Powerful Intel® Xeon® Gold Processor	Up to 160TB Raw Data Storage	(2) SSD OS Drives (RAID1)	Redundant Power Supplies	2U Rackmount / 12 bay	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® Analytics 550 Series server line offers enterprise network video servers designed to run ISS video analytics modules. The 550 Series models support running ISS analytics in a high capacity. These servers use Intel's latest processors to provide high-end performance and fast processing. In addition, the 550 models offer up to 160TB of storage, have redundant power supplies, and offer a number of extended support options. These servers provide a complete video management, recording, and viewing solution in a single unit, to easily deploy a unified system combining video surveillance, access control, and ISS video analytics.

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® Gold 6548Y+ (32 Cores, 64 Threads)
RAM	96GB (6 x 16GB) DDR5
OS Drive	2 x 480GB M.2 SSD (RAID1)
Max. Data Storage	Up to 160TB Raw (8 x 20TB, SATA Drives)
RAID	JBOD, 0, 1, 5, 6, 10
RAID Controller	PERC H755
Network	6 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 1400W Hot Swap (*2 x 1800W Hot Swap on select models*)
AC Input VAC Freq.	100 VAC to 240 VAC, 50/60 Hz, Autoranging
Operating Temperature	50°F to 95°F (10°C to 35°C)
Operating Humidity	5% to 90% (non-condensing)
Dimensions (WxDxH)	18.9" x 30.39" x 3.41" (482mm x 772.13mm x 86.8mm)
Max. Weight	63 lbs (28.6 kg) Fully Populated
Safety and Emissions	Energy Star, CEC, CECP, FCC, UL

Ordering Information

Server Part Numbers	SOS-NVR-550, SOS-NVR-550-24T, SOS-NVR-550-32T, SOS-NVR-550-40T, SOS-NVR-550-48T, SOS-NVR-550-56T, SOS-NVR-550-64T, SOS-NVR-550-72T, SOS-NVR-550-84T, SOS-NVR-550-96T, SOS-NVR-550-128T, SOS-NVR-550-160T
Server Add-On Options	SOS-NVR-550-WIN22: *Upgrade from Windows 11 Pro to Windows Server 2022 Standard*

ISS | **INTELLIGENT VIDEO. DEFINED.®**

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Partner Portal
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