



because now matters

VIGILANT S3000

Streamlined Scalability for Growing Surveillance Needs



The Vigilant S3000 is a purpose-built 2U rackmount server designed to handle the demands of high-throughput video applications. With up to 288TB of storage, comprehensive RAID options and redundant power supplies, it ensures reliability and scalability for critical security systems. Whether managing extensive camera loads or meeting long-term retention requirements, the Vigilant S3000 delivers the performance and flexibility you need. Partner with Now Micro to reduce risk, save time, increase profits and maximize efficiency with purpose-built solutions that are backed by people who care and powered by innovation.

KEY FEATURES



Up to 288TB scalable storage with flexible RAID options



iDRAC Enterprise with DICE enhancements



Intel® Xeon® Silver scalable processors



Hot-swappable drives for nonstop operations



5-year global next-business-day, on-site warranty



powered by NOWMICRO

Every Now Micro solution comes equipped with DICE technology, offering OEMs and systems integrators a powerful suite of tools that streamlines deployment, reduces downtime with remote monitoring and simplifies asset management through a single, intuitive portal.



DICE MANAGE



DICE INTEGRATE/
ENGAGE



DICE BACKUP



DICE SUPPORT



DICE DEPLOY



DICE REMOTE



DICE HEALTH



DICE ASSET



— POWERED BY —
DELL Technologies

VIGILANT S3000

System

PROCESSOR

- Intel® Xeon® Silver 4509Y

OPERATING SYSTEM

- Windows Server IoT 2025 Standard
- Windows Server IoT 2022 Standard
- Windows Server IoT 2019 Standard
- Windows 11 IoT Enterprise LTSC
- Windows 10 IoT Enterprise LTSC
- Windows Server 2025 Standard
- Windows 11 Professional
- Linux

MEMORY

- 16GB Standard, Supports Up to 768GB
- 8 x DDR5 DIMM slots

STORAGE CAPACITY

- Up to 288TB

RAID

- JBOD, 0, 1, 5, 6, 10

STORAGE CONTROLLERS

- BOSS Controller Card for OS Drives
- PERC H755 for Data Drives

GRAPHICS

- Matrox G200 16GB

GRAPHIC CARD OPTIONS

- NVIDIA RTX A400, 4GB, 4 x mDP
- NVIDIA RTX A1000, 8GB, 4 x mDP

I/O PORTS

Front:

- 1 x Dedicated iDRAC Micro-USB
- 1 x USB 2.0
- 1 x VGA

Rear:

- 1 x USB 2.0
- 1 x USB 3.0
- 1 x VGA
- 1 x Serial (Optional Upgrade)

NETWORKING

- 2 x 1GbE RJ-45
- 4 x 1GbE RJ-45 (Via OCP Slot)
- 1 x Dedicated iDRAC Ethernet Port

EXPANSION SLOTS

- 1 x PCIe x16 (x16 Electrical), Half Height (Filled by PERC)
- 1 x PCIe x16 (x8 Electrical), Half Height (Open)
- 1 x OCP x8 (Filled by OCP NIC)

NIC OPTIONS

- 4 x 1GbE RJ-45
- 2 x 10GbE RJ-45
- 2 x 25GbE SFP28

SECURITY MODULE

- Trusted Platform Module 2.0v3

HARDWARE MONITORING

- iDRAC Enterprise
- Now Micro DICE Enhancements Pre-Installed

WARRANTY

- 5-Year Global Next-Business-Day, On-Site

Mechanical

FORM FACTOR

- 2U Rackmount

OS DRIVES

- 2 x M.2 480GB (RAID 1)

DATA DRIVES

- Up to 12 x 3.5in Enterprise Class SATA Hot Swappable Drives

POWER SUPPLY

- Dual, Hot-Plug, Redundant Power Supply (1+1), 800w

OPERATING TEMPERATURE

- 50°F to 95°F (10°C to 35°C)

OPERATING HUMIDITY

- Up to 80%, Non-Condensing

DIMENSIONS

- Height – 3.417in (86.8mm)
- Width – 18.976in (482mm) Includes Rack Ears
- Depth – 26.99in (685.78mm) Ear to PSU Handle, Not Including Bezel