nowmicro

because now matters

VIGILANT S5000

Maximum Performance for High-Demand Surveillance Systems

The Vigilant S5000 is designed to handle the most demanding enterprise surveillance deployments, offering exceptional performance and scalability for high camera counts and extensive retention needs. Its robust 24-bay 2U rackmount design and dual redundant power supplies ensure continuous operation, making it an ideal choice for integrators tackling mission-critical projects. 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

- Dual Intel® Xeon® processors for optimal performance
- Up to 576TB of storage for critical video setups
- Dual redundant power supplies for continuous operation
- iDRAC Enterprise with DICE enhancements pre-integrated
- 5-year global next-business-day, on-site warranty

dice
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

intel XEON SILVER

NDAA COMPLIANT

TAA COMPLIANT

POWERED BY
DELLTechnologies

VIGILANT S5000

System

PROCESSOR
- Dual Intel® Xeon® Silver 4510 Processors

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

MEMORY
- 64GB Standard, Supports Up to 1.5TB
- 16 x DDR5 DIMM slots

CAPACITY
- Up to 576TB

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

Rear:
- 1 x USB 2.0
- 1 x USB 3.0
- 1 x VGA

NETWORKING
- 2 x 1GbE RJ-45
- 2 x 25GbE SFP28 (Via OCP Slot)
- 1 x Dedicated iDRAC Ethernet Port

EXPANSION SLOTS
- 1 x PCIE x16 (x16 Electrical), Half Height (Filled by PERC)
- 4 x PCIE x16 (x16 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 Warranty

Mechanical

FORM FACTOR
- 2U Rackmount

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

DATA DRIVES
- Up to 24 x 3.5in Enterprise Class SATA Hot Swappable Drives

POWER SUPPLY
- Dual, Hot-Plug, Redundant Power Supply (1+1), 1400w

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

nowmicro