nowmicro
because now matters

VIGILANT S800
Scalable Storage for Complex Surveillance Environments

The Vigilant S800 is a high-performance 2U rackmount solution designed to simplify large-scale surveillance deployments at a competitive price. Engineered for seamless integration and reliable operation in complex applications, the S800's efficient architecture scales effortlessly to meet evolving security needs. 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

- Intel® Quick Sync for enhanced video processing speed
- Up to 192TB of raw storage for large-scale systems
- Flexible RAID options for worry-free data redundancy
- 8-bay 2U rackmount form factor for efficient installation
- Integrated DICE software for streamlined system monitoring

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 CORE

NDAA COMPLIANT

TAA COMPLIANT

VIGILANT S800

System

PROCESSOR
• Intel® Core™ i5/i7/i9

OPERATING SYSTEM
• Windows 11 IoT Enterprise LTSC
• Windows 10 IoT Enterprise LTSC
• Windows 11 Professional
• Linux

MEMORY
• 16GB Standard, Supports Up to 128GB
• 4 x DDR4 DIMM slots

CAPACITY
• Up to 192TB

RAID
• Hardware RAID, JBOD, 0, 1, 5, 6, 10

STORAGE CONTROLLERS
• Intel® Q670 Chipset

GRAPHICS
• Intel® UHD Graphics 730 (Core™ i5)
• Intel® UHD Graphics 770 (Core™ i7, i9)

GRAPHIC CARD OPTIONS
• NVIDIA RTX A400, 4GB, 4 x mDP
• NVIDIA RTX A1000, 8GB, 4 x mDP

I/O PORTS
Front:
• 2 x USB 3.0
Rear:
• 2 x USB 3.2 Gen 1 ports
• 3 x USB 3.2 Gen 2 ports
• 1 x USB 3.2 Gen 2 port (Type C)
• 4 x DisplayPort
• 3 x 3.5mm Audio, Line Out, Line In, Mic In
• 1 x Serial (RS232/422/485)

NETWORKING
• 2 x 2.5GbE RJ-45
• 1 x 1GbE RJ-45

EXPANSION SLOTS
• 2 x PCIe x16 Half Height (1 x16, 2 x8, Open)
• 2 x PCIe x4 Half Height (Open)

NIC OPTIONS
• 4 x 1GbE RJ-45
• 2 x 10GbE RJ-45
• 2 x 25GbE SFP28

SECURITY MODULE
• Intel® Platform Trust Technology

HARDWARE MONITORING
• Now Micro DICE Enhancements Pre-Installed

WARRANTY
• 3-Year On-Site Warranty
• Optional 5-Year On-Site Warranty

Mechanical

FORM FACTOR
• 2U Rackmount

OS DRIVES
• 1 x 250GB M.2 SSD

DATA DRIVES
• Up to 8 x 3.5in Surveillance Class SATA Swappable Drives

POWER SUPPLY
• Single Power Supply, 500w
• Optional Redundant Power Supply, 550w

OPERATING TEMPERATURE
• 50°F to 95°F (10°C to 35°C)

OPERATING HUMIDITY
• Up to 80%, Non-Condensing

DIMENSIONS
• Height – 3.42in (87mm)
• Width – 17.24in (438mm)
• Depth – 21.94in (557.2mm) Not Including Bezel

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