

VIGILANT S600

Robust Video Solutions
for Security Integrations



The Vigilant S600 is a robust, ready-to-use 2U rackmount solution designed to simplify security integrations while delivering reliability, scalability and cost-efficiency. Intel® Core™ processors, highly scalable storage and NVIDIA RTX technology ensure seamless video recording, optimized data retention and long-term performance. 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® Core™ processors for optimal performance



Up to 96TB of storage capacity for demanding applications



Flexible RAID options for worry-free data redundancy



NVIDIA RTX GPU options for smooth, reliable review



Pre-integrated DICE software for advanced system monitoring



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



VIGILANT S600

System

PROCESSOR

- Intel® Core™ i5/i7/i9 Processor

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

STORAGE CAPACITY

- Up to 96TB

RAID

- JBOD, 0, 1, 5, 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
- 3 x USB 3.2 Gen 2
- 1 x USB 3.2 Gen 2 (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

- 1 x PCIe x16/x8 Half Height (Open)
- 2 x PCIe x4 Half Height (Open)
- 1 x PCIe x16/x8 Half Height (Filled by RAID Card When RAID 5)

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

Mechanical

FORM FACTOR

- 2U Rackmount

OS DRIVES

- 1 x 250GB M.2 SSD

DATA DRIVES

- Up to 4 x 3.5in Surveillance Class SATA Internal Drives

POWER SUPPLY

- Single Power Supply, 500w

OPERATING TEMPERATURE

- 50°F to 95°F (10°C to 35°C)

OPERATING HUMIDITY

- Up to 80%, Non-Condensing

DIMENSIONS

- Height – 17.88in (454mm)
- Width – 8.47in (215mm)
- Depth – 18.65in (473.5mm)