

# VIGILANT S800

SPECIFICATION SHEET

## Mid-Level Appliance with Advanced Performance Capabilities

The Vigilant S800 is a mid-level appliance designed for advanced performance, leveraging Intel Quick Sync technology and RAID for enhanced video processing and improved throughput in video recording applications. It offers the flexibility to configure either Software or Hardware RAID, combining simplicity and performance at a competitive price in a 2U rack server. Additionally, the Now Micro Engineering Team has pre-integrated DICE Management and Monitoring Software. This comprehensive solution focuses on technical support, aiming to increase first-call resolution and reduce field downtime. It features a real-time interface with embedded hardware information, logs, location data, and tools for KVM, terminal, and file system access.



### Key Features



Intel Core Processor Technology



Intel Quick Sync Video Application



Up to 192TB of raw storage



2U 8 Bay Hot Swap, Rackmount Form Factor



Hardware or Software RAID



# VIGILANT S800

## System

### Processor

- Intel Core i5/i7/i9

### Operating System

- Windows 11 Pro
- Windows 10 IoT
- Ubuntu Linux

### Memory

- Default 16GB DDR5 (2x8GB)
- Max 128GB

### Data Storage

- Up to 192TB

### RAID

- RAID 0, 1, 5, 10 (Software RAID)
- RAID 0, 1, 5, 6, 10 (Hardware RAID)

### Video Outputs

- Supports 4 DP 1.4
- Optional NVIDIA T400 GPU
- Optional NVIDIA T1000-8GB

### I/O Ports

- Front ports:
- 2x USB 2.0

- Rear ports:
- 6 x USB 3.2
  - 1 x Serial
  - 1 x DP 1.4

### Networking

- 2 x 1 GbE RJ45 Ports
- 1 x RJ45 Management Port

### Security Module

- Optional Trusted Platform Module

### Hardware Monitoring

- Now Micro DICE Enhancements Pre-Installed

### Warranty

- 3 Year Onsite Warranty

## Mechanical

### Form Factor

- 2U 8 Bay, Rackmount Server

### OS Drives

- 2 x 250GB SSD (RAID 1)

### Data Drives

- Up to 8, 3.5" SATA Hot Swappable Drives

### Power Supplies

- Single 500W PSU
- Redundant 550W PSU

### Operating Temperature

- 50°F to 95°F (10°C to 35°C)

### Operating Humidity

- 10 to 80% (non-condensing)

### Dimensions

#### Rackmount

- Height – 3.43" (87 mm)
- Width – 17.24" (438 mm)
- Depth – 21.95" (557.6 mm)