

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 IoT LTSC
- Windows 10 IoT LTSC
- Ubuntu Linux

Memory

- Default 16GB DDR5 (2x8GB)
- Upgradable to 128GB

Data Storage

- Up to 192TB

RAID

- Operating System: RAID 1
- Data RAID: Default REAID 5
- Optional JBOD, RAID 1, RAID 6

Video Outputs

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

I/O Ports

- Front ports:
- 2 x USB 2.0

- Rear ports:
- 4 x DP
 - 5 x USB 3.2
 - 3 x RJ45
 - 1 x Serial

Networking

- 2 x 1 GbE RJ45 Ports
- 2 x 2.5 GbE RJ45

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)