**nowmicro**
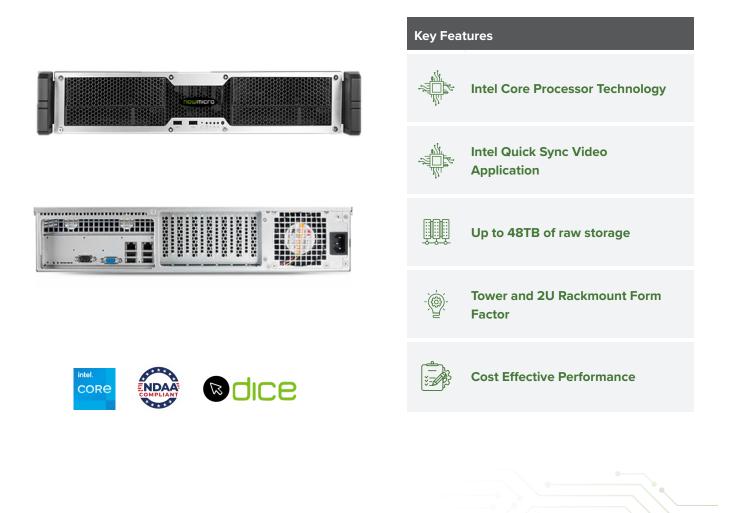
because now matters

## Entry-Level Appliance with Advanced Performance Capabilities

The Vigilant S500 is an entry-level appliance with advanced performance capabilities utilizing the Intel Quick Sync technology. The technology provides more effective video processing to improve throughput for video recording applications. The S500 series combines simplicity and performance at an excellent cost to provide a robust, ready-to-use solution in a tower or 2U rack server. Additionally, the Now Micro Engineering Team has pre-integrated DICE Management and Monitoring Software. The DICE Complete solution is focused on technical support needs to drive increased first-call resolution and reduced downtime in the field.  Hardware information, logs and location information are embedded in a real-time interface that includes KVM, terminal and file system access tools.

| Key Features |
| --- |
| Intel Core Processor Technology |
| Intel Quick Sync Video Application |
| Up to 48TB of raw storage |
| Tower and 2U Rackmount Form Factor |
| Cost Effective Performance |

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# VIGILANT S500

## System

### Processor

- Intel Core i3/i5/i7/i9

### Operating System

- Windows 11 IoT LTSC
- Windows 10 IoT LTSC
- Ubuntu Linux

### Memory

- Default 16GB DDR4 (2x8GB)
- Upgradable to 64GB

### Data Storage

- Up to 48TB

### Video Outputs

- Onboard Graphics
- Optional NVIDIA T400 GPU
- Optional NVIDIA T1000 8GB

### I/O Ports

Front ports:
- 2 x USB 2.0

Rear ports:
- 2 x USB 2.0
- 2 x USB 3.2
- 1 x DP
- 1 x VGA
- 1 x HDMI
- 2 x RDJ45

### Networking

- 2x 1 GbE RJ45 Ports

### Hardware Monitoring

- Now Micro DICE Enhancements Pre-Installed

### Warranty

- 3 Year Onsite Warranty

## Mechanical

### Form Factor

- 2U Rackmount Server

### OS Drives

- 1 x 240GB M.2 SSD

### Data Drives

- Up to 2 3.5" SATA

### Power Supplies

- Single 500W PSU
- 100-240 VAC

### Operating Temperature

- 50°F to 95°F (10°C to 35°C)

### Operating Humidity

- 10 to 80% (non-condensing)

### Dimensions & Weight

Tower
- Height – 3.47" (88.1mm)
- Width – 6.90" (175mm)
- Depth – 13.97" (355mm)

Rackmount
- Height – 6.90" (88.1mm)
- Width – 18.00" (457mm)
- Depth – 16.93" (430mm)