

# VIGILANT ACS1000

Scalable 1U Server for  
Access Control Applications



The Vigilant ACS1000 brings server-class stability to access control environments, giving integrators a rackmount solution that combines performance, expandability and long-term reliability. Its streamlined design and robust architecture allow integrators to deploy quickly and deliver secure, stable performance in everyday installations. 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® Xeon® processor with support for up to 128GB memory



Up to 48TB of enterprise-class SATA storage with RAID support



iDRAC hardware monitoring with optional Enterprise license



Redundant connectivity with 1GbE, 10GbE and 25GbE options



5-year global next-business-day, on-site warranty



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 ACS1000

## System

### PROCESSOR

- Intel® Xeon® E-2414

### OPERATING SYSTEM

- Windows Server IoT 2025 Standard
- Windows Server IoT 2022 Standard
- Windows Server IoT 2019 Standard
- Windows 11 IoT Enterprise LTSC
- Windows 10 IoT Enterprise LTSC
- Windows Server 2025 Standard
- Windows 11 Professional
- Linux

### MEMORY

- 16GB Standard, Supports up to 128GB
- 4 x DDR5 DIMM slots

### STORAGE CAPACITY

- Up to 48TB

### RAID

- JBOD, RAID 1 (Software)

### STORAGE CONTROLLERS

- BOSS Controller Card for OS Drive
- PERC S160 for Data Drives

### GRAPHICS

- Matrox G200 16GB

### GRAPHIC CARD OPTIONS

- NVIDIA RTX A400, 4GB, 4 x mDP
- NVIDIA RTX A1000, 8GB, 4 x mDP

### I/O PORTS

#### Front:

- 1 x iDRAC Direct (Micro-AB USB)
- 1 x USB 2.0

#### Rear:

- 1 x USB 2.0
- 1 x USB 3.2 Gen 1
- 1 x VGA
- 1 x Serial
- 2 x 1GbE RJ-45
- 1 x Dedicated iDRAC Ethernet

### NETWORKING

- 2 x Broadcom 5720 1GbE RJ-45
- 1 x Dedicated iDRAC Ethernet

### EXPANSION SLOTS

- 1 x PCIE x8 (x8 Electrical), Half Height (Open)
- 1 x PCIE x16 (x8 Electrical), Half Height (Open)

### NIC OPTIONS

- 4 x 1GbE RJ-45
- 2 x 10GbE RJ-45
- 2 x 25GbE SFP28

### SECURITY MODULE

- Trusted Platform Module 2.0v3

### HARDWARE MONITORING

- iDRAC Basic, Optional iDRAC Enterprise
- Now Micro DICE Enhancements Pre-Installed

### WARRANTY

- 5-Year Global Next-Business-Day, On-Site

## Mechanical

### FORM FACTOR

- 1U Rackmount

### OS DRIVES

- 1 x M.2 480GB

### DATA DRIVES

- Up to 2 x 3.5in Enterprise Class SATA Drives

### POWER SUPPLY

- Single, Cabled Power Supply, 450w

### MOUNTING

- Rail Kit Included

### OPERATING TEMPERATURE

- 50°F to 95°F (10°C to 35°C)

### OPERATING HUMIDITY

- Up to 80%, Non-Condensing

### DIMENSIONS

- Height – 1.685in (42.80mm)
- Width – 18.976in (482mm) Includes Rack Ears
- Depth – 16.80in (426.60mm) Not Including Bezel