nowmicro

because now matters

VIGILANT W500R2

Cost Effective, Flexible Security Workstation

Built for more demanding security environments, the Vigilant W500R2 offers enhanced processing power and expanded port options in a 2U rackmount design. With support for higher-end Intel® Core™ processors and additional connectivity options, this system is ideal for security teams managing complex surveillance and data-intensive operations. 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™ i3/i5/i7/i9 processors for reliable performance
- 2U rackmount design offers more room for expansion and connectivity
- Expanded I/O options ensure flexible integration with security hardware
- Supports up to 4 displays with optional NVIDIA GPU
- 3-year on-site warranty

dice

powered by nowmicro

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 |

intel CORE

NDAA COMPLIANT

TAA COMPLIANT

VIGILANT W500R2

System

PROCESSOR
• Intel® Core™ i3/i5/i7/i9

OPERATING SYSTEM
• Windows 11 IoT Enterprise LTSC
• Windows 10 IoT Enterprise LTSC
• Windows 11 Professional
• Linux

MEMORY
• 8GB Standard, Supports up to 64GB
• 2 x DDR4 DIMM slots

CAPACITY
• Up to 96TB

RAID
• JBOD

STORAGE CONTROLLERS
• Intel® H610 Chipset

GRAPHICS
• Intel® UHD Graphics 730 (Core™ i3, 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
• NVIDIA RTX 2000 Ada Generation, 16GB, 4 x mDP

I/O PORTS
Front:
• 2 x USB 3.0
Rear:
• 2 x USB 3.2 Gen 1 ports
• 3 x USB 2.0 ports
• 1 x DisplayPort
• 1 x VGA
• 1 x HDMI
• 3 x 3.5mm Audio, Line Out, Line In, Mic In
• 2 x PS/2
• 2 x 1GbE RJ-45

NETWORKING
• 1 x intel® i219 1GbE RJ-45

EXPANSION SLOTS
• 1 x PCIe x16 Half Height (Open)
• 1 x PCIe x1 Half Height (Filled by 2nd NIC)

NIC OPTIONS
• 1 x 1GbE RJ-45
• 4 x 1GbE RJ-45
• 2 x 10GbE RJ-45
• 2 x 25GbE SFP28

SECURITY MODULE
• Intel® Platform Trust Technology

WARRANTY
• 3-year on-site warranty

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