






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



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 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)