

## **Netport Systems NAR-01002**



# Scalable Edge Al System for Multiple Al Workloads

The NAR-01002 is a rugged 2U rackmount edge AI server engineered for high-performance industrial workloads. Powered by the 14th Gen Intel® Core™ i7 processor with 20 cores and 28 threads, it delivers exceptional compute power for real-time inference, machine vision, and automation tasks. With support for up to 64GB DDR5 memory and dual GPU expansion, it enables accelerated AI processing at the edge—reducing latency and enhancing decision-making speed. Its 1TB NVMe storage and 750W power supply ensure reliable throughput for data-heavy applications. Built to meet the demands of modern factories, smart infrastructure, and robotics, this system combines Intel's advanced architecture with scalable AI capabilities to drive intelligent transformation at the edge.

Industrial
Grade 2U Rack
Mount Server
with multiple
expansion slots
for discrete GPUs
for Scalable
Edge Al
Performance

#### **Intel Products and Technologies**

Accelerating AI and Analytics at the Edge





Intel® Arc™ Graphics



OpenVINO™ Toolkit Intel® UHD
Graphics

### **Key Features**

Empowered by Intel.





Scalable Performance with Ultrafast Connectivity



Low Latency for Multiple Al Workloads



Security and Reliability

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## **Product Specifications**

CPU	Intel® Core™ i7 processor 14700K
Graphics	Intel® UHD Graphics 770 / Intel® Arc™ Pro B50 graphics and Intel® Arc™ Pro B60 graphics (Discrete)
Memory	64GB, DDR5 No ECC U-DIMM RAM
Storage	256GB / 512 GB / 1 TB /2TB M.2 2280 PCIe Up to Gen5 Performance SSD
Wireless Network	802.11ax/ac/a/b/g/n, Wi-Fi 6 and Bluetooth® 5.2 802.11ax/ac/a/b/g/n, Wi-Fi 6E and Bluetooth® 5.3 Wi-Fi 7 (802.11be/ax/ac/a/b/g/n) and Bluetooth® 5.4
LAN	Intel® Ethernet Connection I219-V, Intel® Ethernet Controller I210-AT
Operating / Storage Temp.	0°C - 60°C / -20°C - 70°C
Dimension $(W \times D \times H)$	88.9mm x 482.6mm x 609.6mm
Weight	9kg
OS	Windows 11 Pro 64-bit, UEFI Shell, Linux

#### **Learn More**

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