Industrial Edge Platform for AI and Machine Vision Applications

NODKA IPC-615H5-Q670

NODKA × intel ai

High-Performance Computing with Rich I/O, Expandability, and AI Readiness

The NODKA IPC-615H5-Q670 is a 4U rackmount industrial computer powered by 12th–14th Gen Intel® Core™ processors, delivering up to 125 W TDP to meet the demands of modern AI and edge inference workloads. Designed for compute-intensive industrial environments, it supports dual Intel® Arc™ A770 GPUs via two PCIe 4.0 x16 slots, enabling GPU-accelerated performance for machine vision, analytics, and automation. With dual-channel DDR5-4800/5600 MHz SO-DIMMs supporting up to 64 GB of memory, and multiple PCIe and legacy expansion slots, the NODKA IPC-615H5-Q670 offers exceptional scalability, I/O bandwidth, and parallel processing capability, delivering the computing power required for real-time AI processing and high-throughput industrial applications at the edge.

Scalable industrial PC *designed for AI inference, machine vision, and edge automation*

Intel Products and Technologies

Accelerating AI and Analytics at the Edge

Intel® Core™ Processors

Intel® Arc™ Graphics

Intel® Ethernet

OpenVINO™

Key Features

Empowered by Intel.

- Supports 125W CPUs
- Dual GPU PCIe Slots
- Fast DDR5 Memory
- USB Ports & Dongle

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Product Specifications

CPU	12th/13th/14th Gen Intel® Core™ i processors, TDP up to 125W
Graphics	2 x Intel® Arc™ A770 Graphics options for PCIe Gen4 x16 (default x8 link)
Memory	2 x DDR5 262-pin 4800/5600MHz SO-DIMM slots, up to 64GB
Storage	1 x M.2 2242/2280 Key-M slot (PCIe 4.0 x4 Signal), 4 x SATA3.0 ports; supports RAID 0/1/5/10
Wireless Network	Optional
LAN	Intel® Ethernet Connection I219-V, Intel® Ethernet Controller I210-AT
Operating / Storage Temp.	0°C ~ 45°C / -20°C ~ 60°C
Dimension (W x D x H)	430mm x 451mm x 177mm
Weight	13kg
OS	Windows 10/11, Linux

Learn More

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