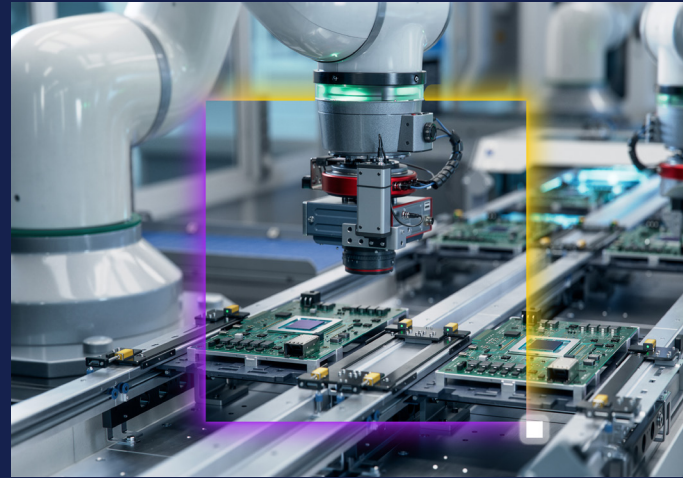# Intel® Core™ Ultra Processors (Series 2), Edge Inference, 99 TOPS, Rich Industrial Interfaces

NODKA NP-6135U-H1B

High-Speed AI Computing in a Rugged Industrial Platform

The NP-6135U-H1B is a high-performance industrial automation PC, equipped with Intel® Core™ Ultra processors (Series 2) - options include 225H, 265H, and 285H. It integrates Intel® Arc™ graphics and a dedicated NPU, delivering up to 99 TOPS of AI computing power, making it ideal for complex machine vision and edge intelligence applications. It features 4 Gigabit PoE ports, 2 Gigabit Ethernet ports, 4 USB 3.0 ports, 2 configurable RS232/485 interfaces, and 32 isolated digital I/Os, offering strong expandability and support for WiFi/4G modules. With wide-range DC 12–24V input, comprehensive power protection, stable operation in a wide temperature range of -20ºC to 60ºC, and support for wall-mount or DIN-rail installation, the NP-6135U-H1B is a reliable hardware platform for industrial automation and AI edge computing.

> *Equipped with Intel® Core™ Ultra processors (Series 2), integrated Intel® Arc™ GPU and NPU, delivering up to 99 TOPS of AI performance to support efficient edge inference and complex task processing.*

Intel Products and Technologies

Accelerating AI and Analytics at the Edge

Intel® Core™ Ultra Processors

Intel® Arc™ Graphics

OpenVINO™

Space-Saving
Industrial Design

Reliable
Ethernet
Connectivity

High-Speed AI
Performance

Multiple Ports
for Expansion

NODKA NP-6135U-H1B

Product Specifications

CPU	Intel® Core™ Ultra processor 255H
Graphics	Intel® Arc™ 140T GPU
Memory	2 × SO-DIMM DDR5-5600MT/s (up to 96GB)
Storage	1 × mSATA, SATA 3.0; 1 × M.2 2280 Key-B, SATA 3.0
Wireless Network	2 x Intel® Ethernet Controller I210-AT Gigabit
LAN	2 x Intel® Ethernet Controller I210-AT Gigabit
Operating / Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F) with air flow (SSD)/-40°C ~ 80°C (-40°F ~ 176°F) with air flow (SSD)
Dimension (W x D x H)	150.5mm x 203mm × 57.6mm
Weight	1.9kg
OS	Windows 10, Windows 11/Ubuntu, Debian

Learn More

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