Inspiring More Efficient AI in Retail and Automation

NEXCOM NDiS B362 Series

AI-Powered Rugged Solution with Rich I/O

NEXCOM × intel ai

The NDiS B362 is NEXCOM's first IPC to feature an integrated NPU, delivering robust edge AI capabilities independent of network connectivity, and, powered by Intel® Core™ Ultra processors (Series 1). By optimizing workloads across the CPU, GPU, and NPU, it achieves up to 22.4 TOPS of AI computing power while maintaining superior energy efficiency.

Built for durability, the system utilizes industrial-grade components rated for extreme temperatures (-20°C to 60°C). Dual HDMI 2.0 ports and versatile I/O interfaces further expand its application potential. Offering powerful AI inference at a competitive price point, the B362 is the ideal solution for semi-outdoor deployments, including:

- Self-service kiosks & Smart beverage stations
- Smart recycling machines
- Intelligent parking systems

AI-enhanced *CPU leveraging Intel® Core™ Ultra Processors (Series 1) power to enable reliable semi-outdoor applications in harsh environments*

Intel Products and Technologies

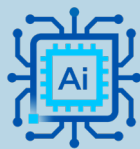Accelerating AI and Analytics at the Edge

intel CORE ULTRA

intel. ETHERNET

Intel® Active Management Technology

Intel® Core™ Ultra Processors

Intel® Ethernet

Key Features

Empowered by Intel.

AI-Enabled

Harsh Enviroment Compatible

Rich I/O Solutions

Security & Remote Manageability

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Product Specifications

CPU	Intel® Core™ Ultra Processor
Graphics	Intel® Graphics
Memory	2 x DDR5 5600 up to 96GB
Storage	1 x M.2 Key M 2280 for optional SSD
Wireless Network	1 x M.2 Key E 2230 for optional Wi-Fi module 1 x M.2 Key B 3052/2242 for optional 5G/LTE module
LAN	1 x 2.5GbE RJ45 Port, Intel® Ethernet Controller I226 1 x GbE RJ45 Port, Intel® Ethernet Connection I219
Operating / Storage Temp.	-20ºC ~ 60ºC / -20ºC ~ 80ºC
Dimension (W x D x H)	200mm x 140mm x 37mm (w/o bracket)
Weight	1.26 kg/Unit
OS	Windows 11, Windows 10, Linux
I/O Options (Input / Output)	1 x USB 3.2 + 3 x USB 2.0 (Type A), 2x HDMI 2.0

Learn More

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