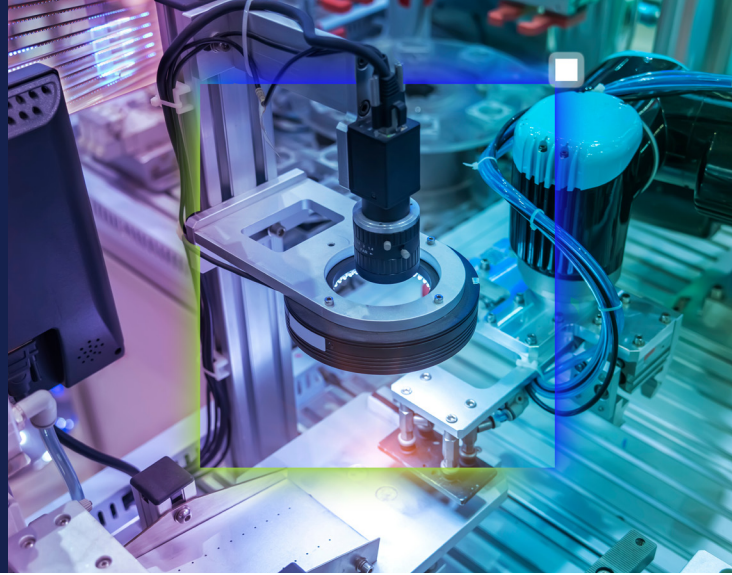# Powerful Performance, Industrial-Grade Stability, and Rich Expansion Interface

VKoming MK-T01HF-225HUB0-6C2L

Built for Harsh Environments with Reinforced, Long-Lasting Circuitry

The MK-T01HF-225HUB0-6C2L is a compact embedded industrial motherboard equipped with a Intel® Core™ Ultra 200S series processor and an integrated NPU. Combined with rule-based algorithms, it provides enhanced artificial intelligence inference capabilities, meeting the needs of modern machine vision applications. It is an ideal solution for machine vision or industrial automation applications, offering high-end CPU performance, dual-channel DDR5 support up to 128GB/6400MT/s, and rich I/O interfaces, including 2 Ethernet ports, 4 display interfaces, 4 USB 3.2 ports, 6 USB 2.0 ports, and 6 COM ports. Furthermore, the MK-T01HF-225HUB0-6C2L features flexible storage options: one Gen4 x4 M.2 NVMe slot for high-speed OS read/write operations, and one internal 2.5"/3.5" hard drive interface, ideal for data recording or video recording. For internal expansion, it provides one M.2 E-Key slot for Wi-Fi expansion and one M.2 B-Key slot for 5G/4G LTE connectivity expansion.

Equipped with Intel® Core™ Ultra processor (Series 2) for advanced computing performance, industrial-level durability, extensive I/O, and flexible scalability

Intel Products and Technologies

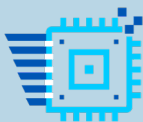Accelerating AI and Analytics at the Edge

Intel® Core™ Ultra Processors

Intel® Arc™ Graphics

Intel® Trusted Execution Technology (Intel® TXT)

Intel® Thread Director

High-Performance Processor

Low-Latency 5G Support

Ultra-Bandwidth DDR5 Memory

Wide Voltage Design

VKoming MK-T01HF-225HUB0-6C2L

Product Specifications

CPU	Intel® Core™ Ultra 5 Processor 225H
Graphics	Intel® Arc™ Graphics (iGPU)
Memory	64GB
Storage	1TB
Wireless Network	N/A
LAN	Realtek RTL8111H
Operating / Storage Temp.	0°C~60°C / -15°C~75°C
Dimension (W x D x H)	195mm x 177mm x 62mm
Weight	2000g
OS	Windows/Ubuntu/Linux

Learn More

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