

Compact Fanless Edge Computing System



VCM-2000

Vecow x intel.

Fanless Edge Platform Powered by Intel® Core™ 200S Series Processors

The Vecow [VCM-2000](#) series is a compact, fanless embedded system powered by Intel® Core™ 200S Series and 14th/13th/12th Gen Intel® Core™ processors, delivering reliable performance for intelligent edge computing. Supporting up to 96GB DDR5 5600MHz memory, the VCM-2000 provides strong computing capability for AI, machine vision, and automation workloads. It features versatile I/O including USB, COM, and four Intel® Ethernet LAN ports (up to 2.5GbE) for high-speed connectivity and seamless peripheral integration. The system also supports wireless connectivity via dual external SIM slots for Wi-Fi, 4G, and 5G networks. Flexible expansion options with M.2 Key E, Key B, and dual Mini PCIe enable easy integration of additional modules. With fanless design, wide power input options, and operating temperature from -25°C to 60°C, the VCM-2000 ensures stable operation in harsh environments. It is ideal for applications such as in-vehicle computing, smart transportation, industrial automation, and other demanding edge AI deployments.



Key Features



High-Performance Platform



Integrated High-Speed Expansions



Seamless Mobile Connectivity



In-Vehicle Operation

intel ai

Intel® AI Edge Systems

Intel Products & Technology



Intel® Core™
Processors



Intel® Ethernet



OpenVINO™
Toolkit

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