

Intelligence Happens With ADLINK

Supercharging the New Era of Edge Computing with 12/13th Gen Intel Processors



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To enhance performance for various latest application demands, ADLINK announced the launch of edge computer platforms and embedded boards with 12/13th Gen Intel® Core™ processors, including ADLINK MVP series fanless embedded computers, ATX motherboards, and single board computers. These devices offer high CPU performance and power efficiency for diverse applications.

Featuring extended power ranges for industrial-grade stability, high-performance chip design to empower AI and graphics performance, accelerate AI workloads, these CPUs also provide PCIe Gen 5.0/4.0, and DDR5 support for faster data transfer rates and can elevate perform efficiency with add-on GPU cards, vision cards, motion cards, and I/O cards, suitable for a wide range of AI applications, including industrial automation, autonomous driving, AI robots, retail, and edge AI.

Superior Performance

The first Intel CPU generation to leverage a hybrid-core architecture, allowing for dynamic real time optimization of performance, power, and efficiency, the hybrid architecture features Performance and Efficiency cores for powerful single-thread execution and multitasking capabilities.

Create Possibilities with Expansions

The new platform's enhancements offer ample I/O expansion and advanced I/O bandwidth, resulting in high transmission capacity. With a comprehensive set of ports, you can connect any peripherals of your choice without compromise. This platform provides the necessary expansion and I/O for leading computing performance.

Streamline Deployments

The new platform supports ADLINK's wide range of PCI/PCIe expansion cards with strict verification processes, such as I/O, motion, vision, and GPU cards, thereby providing our clients with fully integrated, one-stop solutions for accelerated deployment.

ADLINK's 12/13th Gen Intel Product portfolio

Modular Fanless Computers

MVP-5200

12/13th Gen Intel® Core™ i3/ i5/ i7/ i9 Compact Fanless Computers



MVP-6200

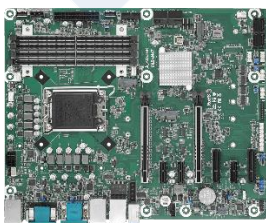
12/13th Gen Intel® Core™ i9/ i7/ i5/ i3 Expandable Fanless Computers



ATX Motherboards

IMB-M47H

Industrial ATX Motherboard for 12th/13th Gen Intel® Core™ i9/i7/i5/i3 Processors



IMB-M47

High Performance Industrial ATX Motherboard with 12th/13th Gen Intel® Core™ i9/i7/i5/i3 Processor



PICMG Single Board Computers

NuPRO-E47

PICMG® 1.3 Full-Size LGA1700 with 12/13th Generation Intel® Core™ i9/i7/i5/i3 Processor-based SHB

ADLINK Accelerates System Deployments with Validated Expansion Cards & SSDs

ADLINK provides leading edge computers along with a broad range of pre-validated GPU, motion, vision, and I/O embedded cards that can be easily deployed for various industrial applications. We offer a one-stop service model for the integration of embedded boards, systems, software, displays, and peripherals. Our comprehensive range of peripherals free customers from worrying about compatibility and longevity issues.

Reliable Performance

Cost Saving

Shorten Time-to-Market

Off-the-shelf Pre-validated GPU / Motion / Vision / IO Cards



MXM GPU Modules



Frame Grabbers



Motion Controllers



DAQ