Lanner x intel®

Lanner EAI-I510 Edge AI Computer

Intel-powered Edge AI Boosts Real-Time Video Analytics for Smarter City Security

The EAI-I510 redefines high-performance computing with next-generation Intel® Core™ Ultra Processors (Series 2), delivering exceptional processing power and optimized energy efficiency for seamless data handling and ultra-responsive performance. Equipped with built-in Intel® Arc™ graphics, Intel® Xe Matrix Extensions GPU, and an integrated NPU, the Intel Core Ultra Processor achieves up to 99 total platform TOPS of AI processing power. This advanced architecture accelerates real-time AI analytics while maintaining outstanding power efficiency, making it an ideal solution for AI-driven edge applications.

For I/O connectivity, the EAI-I510 features two 2.5GbE RJ45 and two 10GbE RJ45 ports for high-speed networking. It also includes two COM ports, four USB ports, two DisplayPort 1.2 outputs, and four DIO ports, providing versatile interface options for various deployment needs. The system also supports expansion capabilities with up to 96GB DDR5 6400Mhz Memory, one PCIe x8 slot, one M.2 2230 E-Key slot for WiFi 6/6E, one M.2 3042/3052 B-Key slot for LTE/5G, and two Nano-SIM slots, ensuring robust wireless communication options.

Key Features

Low Latency Edge AI	High Throughput	Wireless Connectivity

Intel Products & Technology

Intel® Core™ Ultra Processors (Series 2)

Intel® Arc™ Graphics