

Edge AI Computer Powered by Intel® Core™ Ultra Processors (Series 2)



Lanner Electronics EAI-I510

Lanner × intel ai

Enabling AI-Powered Computer Vision for Video Analytics, Quality Inspection and Physical Security

Featuring the latest Intel® Core™ Ultra processors (Series 2), the EAI-I510 is engineered to support advanced video analytics applications such as intrusion detection, and real-time assistance for first responders. Built to meet the growing demand for real-time AI inference at the edge, the EAI-I510 enables smart surveillance and security monitoring with improved accuracy and efficiency.

The EAI-I510 is a cost-effective embedded system featuring DDR5 6400MHz memory, with support for up to 96GB, and operates with a power input range of 9 to 30 VDC. Designed to function within a temperature range of 0°C to 40°C, the device meets CE/FCC Class A and UL 62368 certifications. Its I/O options include 2x 2.5GbE RJ45, 2x 10GbE RJ45, 2x DB9 RS-232/422/485, 4x USB Type A, 1x DP 1.2, Mic-in & Line-out, and 4x DIO.

***Rugged AI platform
built for real-time
analytics and
next-gen smart
surveillance at
the edge***

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™
Ultra Processors



Intel® Arc™
Graphics



Intel®
Ethernet



OpenVINO™
Toolkit

Key Features

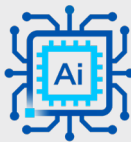
Empowered by Intel.



Secure Edge Operations



AI-Powered Video Analytics



Real-Time AI Inference



High-Speed Memory

Lanner Electronics EAI-I510



Product Specifications

CPU	Intel® Core™ Ultra 9/7/5 Processors (Series 2)
Graphics	2x DP 1.2
Memory	96GB DDR5
Storage	2x 2.5" SATA, 1x M.2(NVMe) 2280 M-Key
Wireless Network	WiFi/ LTE/ 5G
LAN	2x 2.5GbE RJ45, 2x 10GbE RJ45
Operating Temp.	0°C~40°C
Dimension (W x D x H)	270mm x 119mm x 180mm
Weight	TBD
OS	Windows10 & 11 (LTSC), Linux Ubuntu

Learn More

[Lanner Electronics EAI-I510](#)