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



Lanner Electronics EAI-I510

Lanner × intel ai

Enabling Al-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, $1x\ DP1.2$, Mic-in & Line-out, and $4x\ DIO$.

Rugged Al 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.







Real-Time Al Inference



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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

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