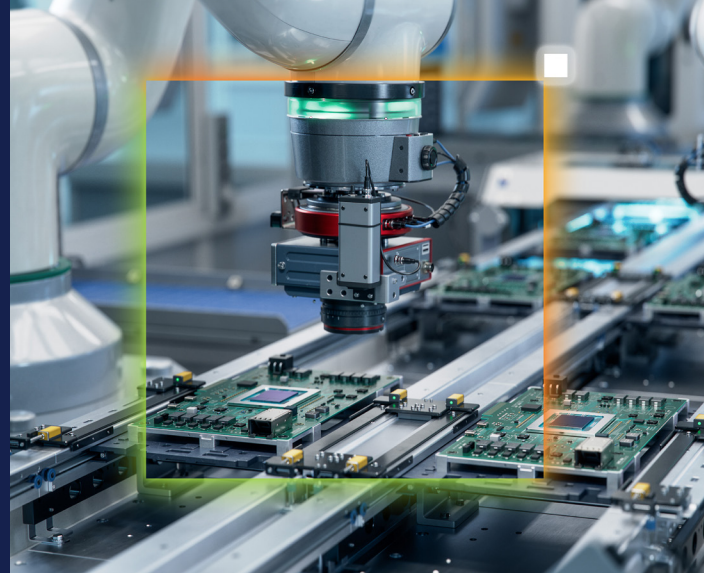


# Industrial-Grade System Powered by Intel® Core™ Ultra 200H Series Processors



## AAEON UP Xtreme ARL Edge Empowering Edge AI with Rugged Design and 97 TOPS Performance



The UP Xtreme ARL Edge is a ready-to-deploy ruggedized system designed to simplify industrial AI integration. Powered by Intel® Core™ Ultra 200H Series Processors and supported by the UP Edge AI Toolkit, it delivers exceptional processing and inferencing performance for industrial robotics and edge computing. Combining legacy serial and high-speed networking interfaces with an AI engine capable of managing complex workloads, the UP Xtreme ARL Edge is the complete package, ready to deploy at scale across mission-critical environments. Its industrial-grade enclosure offers fanless operation across temperatures as wide as -20°C to 60°C, is compatible across the full range of industrial power standards with a 9V to 36V DC power input range, and is built to withstand the shock, vibration, and noise of industrial robots, AGVs/AMRs, and heavy machinery.

**Built to simplify  
integration  
and accelerate  
industrial robotics  
innovation**

## Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™  
Ultra Processors



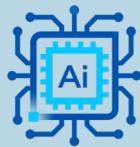
OpenVINO™  
Toolkit



Intel® Arc™  
Graphics

# Key Features

Empowered by Intel.



High-Performance AI Computing



Ruggedized, Industrial-Grade Design



Flexible Connectivity



Scalable Edge Platform

## AAEON UP Xtreme ARL Edge



## Product Specifications

CPU	Intel® Core™ Ultra 5 processor 225H (18M Cache, up to 4.90 GHz) Intel® Core™ Ultra 7 processor 255H (24M Cache, up to 5.10 GHz) Intel® Core™ Ultra 7 processor 265H (24M Cache, up to 5.30 GHz)
Graphics	Intel® Arc™ Graphics
Memory	Up to 64GB onboard LPDDR5 (Dual-Channel)
Storage	M.2 2280 M-Key x 2 / SATA 6Gb/s x 1
Wireless Network	M.2 2230 E-key x 1
LAN	2.5GbE x 1 (via Intel® Ethernet Controller I226-IT) GbE x 1 (Intel® Ethernet Connection I219)
Operating / Storage Temp.	-20°C ~ 60°C / -40°C ~ 80°C
Dimension (W x D x H)	152mm x 123.8mm x 71.5mm
Weight	2.95 lbs
OS	Windows 11 LTSC, Ubuntu: 24.04 LTS, Yocto: 5.1

## Learn More

[AAEON UP Xtreme ARL Edge](#)