

HPC-ARHm: Compact, High-Performance AI Edge Module for Vision AI and Smart Cameras



Powerful HPC-Mini Module with Intel® Core™ Ultra Processors for Space-Constrained AI Edge Applications

The HPC-ARHm from AAEON Technology is a compact HPC-Mini module powered by Intel® Core™ Ultra Processors Series 2, designed for AI Edge applications such as Vision AI, smart cameras, and industrial automation. With support for up to 128GB DDR5 memory, it delivers high performance while maintaining a small footprint, making it ideal for space-constrained environments. Its modular design, built-in NPU, and wide DC input enable efficient real-time AI processing at the edge. Whether for smart surveillance, robotics, or AI-driven edge computing, the HPC-ARHm provides a scalable, high-performance solution to accelerate AI workloads while ensuring power efficiency and flexibility in diverse deployment scenarios.

Key Features



Compact
HPC-ARHm



High-performance
Computing



AI-enabled
Acceleration



Wide DC
Power

Intel Products & Technology



Intel® Core™ Ultra Processors Series 2

The Intel® Core™ Ultra processor scale performance and AI acceleration, powering edge computing across smart cities, factories, retail, entertainment, and healthcare for advanced AI-driven solutions.