

Category Award AI Computing & Tech

Edge AI Inference System

ADVANTECH

Advantech Co., Ltd.

研華股份有限公司



Winning Reason

Powered by the NVIDIA Jetson Thor platform, Advantech's latest solution combines innovative computational performance with industrial-grade reliability to support real-world Generative AI applications. Leveraging the NemoClaw architecture, this device provides enterprises with secure, localized automated workflows that effectively reduce cloud computing costs. It demonstrates exceptional potential in handling sensitive data and enhancing customer experiences across healthcare, education, and financial institutions.

Product Feature

MIC-743 integrates CPU, GPU, Tensor cores, and a memory controller to deliver up to 2,070 FP4 TFLOPS, enabling real-time execution of LLMs, VLMs, and advanced image analytics. 1.High-performance AI inference: Powered by the Jetson Thor module with up to 2560/1536 CUDA cores and 96/64 Tensor Cores, supporting multimodal and generative AI with rapid deployment. 2.High-speed I/O: Equipped with QSFP28 25GbE, USB 3.2 Gen 2, HDMI, M.2, and GMSL camera expansion for seamless sensor and video integration. 3.Industrial-grade design: With anti-vibration and support for Wi-Fi, LTE/5G, and NVMe expansion, it is ideal for smart manufacturing, transportation, and automation. Pre-installed with JetPack™ 7.0 and a 1TB NVMe SSD.

<https://bcaward.computex.biz/>