

Golden Award IC & Components

NVIDIA Jetson Thor



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Winning Reason

NVIDIA Jetson Thor stands as the industry's premier edge computing module, delivering leading-edge performance and specifications. Compared to the previous NVIDIA AGX Orin, it offers a significant leap in both computational power and energy efficiency, supporting highly complex and real-time AI applications. As a cornerstone platform for numerous developers creating AI computers and edge solutions, it exerts immense industry influence and technological leadership. Particularly in robotics, the platform's ability to process high-speed sensor data and execute visual inference at the edge makes it a core technology for the future of intelligent machines. Backed by NVIDIA's comprehensive hardware and software ecosystem, it provides a highly integrated development environment that significantly lowers the barrier to system development.

Product Feature

Features the Blackwell GPU architecture with a dedicated transformer engine for generative AI. It delivers up to 2,070 FP4 TFLOPS of AI performance, enabling robots to perform complex reasoning, multimodal sensor fusion and real-time natural language interaction. Blog for reference: NVIDIA Jetson Thor Unlocks Real-Time Reasoning for General Robotics and Physical AI: <https://blogs.nvidia.com/blog/jetson-thor-physical-ai-edge/>