Advantech GPU Servers

intel.   **Micron**   **NVIDIA**

Artificial Intelligence is adopted in many applications and Industries. It transforms businesses by reducing costs, managing risks, streamlining operations, accelerating growth and fueling innovations. Having a reliable hardware platform supporting multiple acceleration cards is essential to a successful AI deep learning solution. Advantech's SKY-6000 series GPU servers are pre-qualified by NVIDIA® and built to provide high performance computing power.

1U to 4U	Up to 10 acceleration cards
Thermally optimized	Intelligent Platform Management Interface (IPMI)
Pre-qualified by NVIDIA®	Ideal for deep learning / edge inferencing

- Longevity
- Revision control
- Low MOQ for customization

◆ Product Portfolio

NVIDIA EGX Certified

SKY-6100
1U Rackmount Dual Intel® Xeon® Scalable 5 GPU server

SKY-6200
2U Rackmount Dual Intel® Xeon® Scalable 4 GPU server

SKY-6400
4U Rackmount Dual Intel® Xeon® Scalable 4 GPU server

SKY-6420
4U Rackmount Dual Intel® Xeon® Scalable 10 GPU server

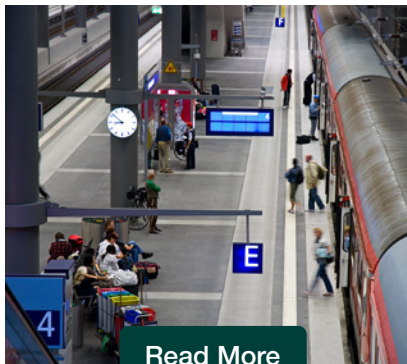*High Quality, Very Customizable, No Surprise Changes*

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Advantech GPU Server Use Cases

Industrial Servers Ramp up AI for Robotic Arms

Ramping up AI in smart manufacturing means selecting equipment up to the challenge. AI-ready industrial servers are needed that differ from a typical server found in a data center. The partnership between Advantech and Micron® is ready for AI at the edge with industrial-class servers, DDR4 ECC RDIMMs, and SSDs that can offer performance, quality, reliability, and longevity. Read the joint case study released by Advantech and Micron to get more information!

Read More

AI Incident Detector and Video Surveillance System for Railroad Safety

In this trail track surveillance project, the SKY-6400 GPU server is deployed in the central control room as an inference system to analyze the live videos from IP cameras around the rail tracks. If incidents are detected, the SKY-6400 server will send alarm messages to the station staff and train drivers. In addition, It also controls the railway signals and generates public announcements of these incidents. This solution is designed to optimize resource shortages and enhance efficiency.

Read More

More edge inference systems available

Check out our edge AI inference systems, MIC-700AI series, powered by NVIDIA® Jetson®

Product brochure

Check out our new product brochure for our SKY series servers

Contact us

Reach out to our experts to inquire about your AI needs!
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