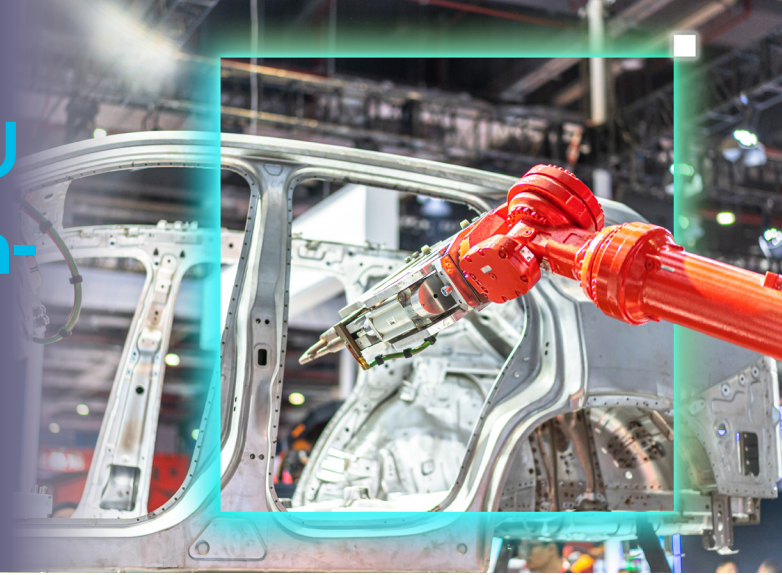


Rugged Edge AI GPU Computer for Mission-Critical Tasks



ASUS IoT PE6000G Edge AI GPU Computer

High-Performance Edge Computer with 450 W GPU and Rugged I/O

ASUS IoT PE6000G is a rugged edge AI GPU computer built for demanding AI workloads at the edge. Supporting up to a 450 W GPU and 14th/13th Generation Intel® Core™ processors with up to 64GB DDR5, it accelerates real-time AI inference, machine vision, and intelligent video analytics. Its MIL-STD-810H certified chassis, wide-range 8–48V DC-in with built-in ignition power control, and thermal design for -20°C to 60°C operation ensure stable performance in extreme environments. The system offers multiple M.2 slots and expansion card support for flexible connectivity. Optimized for autonomous vehicles, smart factories, and AI-intensive edge deployments, PE6000G delivers reliable, high-performance GPU computing while minimizing downtime and supporting mission-critical applications.



Rugged edge AI computer with up to 450 W GPU, 14th/13th Generation Intel® Core™ processors, 64 GB DDR5, and MIL-STD-810H reliability for industrial AI workloads

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



**Intel® Core™
Processors**



OpenVINO™

Key Features

Empowered by Intel.



High-
Performance
GPU Computing



Rugged
Wide-Range
Power and
Temperature



Flexible
Connectivity &
Expansion



Shock-
Resistant
Chassis

ASUS PE6000G



Product Specifications

CPU	14th/13th Generation Intel® Core™ CPU and up to 450W GPU Card with R680E chipset
Graphics	N/A
Memory	2 x SO-DIMM, DDR5 up to 4800MHz MHz, ECC/ non ECC, max. 64GB
Storage	Four hot-swappable 2.5" SSD
Wireless Network	WiFi5, WiFi 6/6E
LAN	1x Intel® Ethernet Connection I219-LM (1 GbE), support PXE boot, RJ45, wake on LAN 1x Intel® Ethernet Controller I226-IT (2.5 GbE), support PXE boot, RJ45, wake on LAN
Operating / Storage Temp.	-20~60°C with 35W CPU -20~55°C with 65W CPU / -40~85°C
Dimension (W x D x H)	221mm x 443mm x 225mm
Weight	9.2 kg
OS	Windows® 11 IoT Enterprise (64-bit) / Windows® 10 IoT Enterprise (64-bit) / Linux by Project Support

Learn More

[ASUS PE6000G](#)

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