High-Performance 19"
2U Rugged Rack-Edge
AI Computer

RUC-2000G

ASUS × intel

Featuring 8 GMSL2, 6 LAN, 200W GPU & Hot-Swappable SSDs

The ASUS IoT RUC-2000G is a 19-inch 2U rugged rack-mount edge AI computer designed for next-generation industrial intelligence. Powered by Intel® Core™ Ultra Series 3 processors, it delivers 180 TOPS for high-throughput inferencing and compute-intensive workloads.

For vision applications, it supports eight GMSL2 ports and a PCIe x16 slot for up to 200W discrete GPUs. To ensure uptime in harsh environments, it features dual hot-swappable SSD trays (RAID 0/1), a -25°C to 60°C range, and 8V-48V DC-in with ignition power control.

With six LAN ports and robust expansion, the RUC-2000G overcomes the challenge of deploying scalable, low-latency AI in autonomous vehicles and factory automation. It provides a ruggedized solution for the most demanding edge-processing workloads, differentiating itself through superior connectivity and thermal reliability.

Key Features

Next-Gen AI Performance	Superior Vision Connectivity	Rugged Reliability	Dual-Drive Hot-Swap Design

Intel Products & Technology

Intel® Core™ Ultra Processors

OpenVINO™ Toolkit

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