

Faster, Smarter, More Secure for the AI-Driven Enterprise



ASUS NUC 16 Pro

Boosting Enterprise AI Performance with Series 3 Intel® Core™ Ultra X9 Processors and Intel® Arc™ GPU

Enterprises face growing demands for AI-driven insights, real-time data processing, and secure, efficient edge computing. The ASUS NUC 16 Pro addresses these challenges with Series 3 Intel® Core™ Ultra X9 processors, Intel® Arc™ B390 GPU, and NPU 5, delivering up to 180 TOPS for AI workloads and machine learning tasks. Its compact design, dual-fan cooling, and up to 96GB LPDDR5x memory ensure high performance with low power consumption. Hyper-connected with Wi-Fi 7, Bluetooth 6.0, and dual 2.5G LAN, it provides reliable networking and Zero Trust security. Enterprise features like Intel vPro®, fTPM, and ASUS Control Center enable secure management and monitoring. Tool-less chassis and modular I/O support flexible expansion, including dual M.2 SSDs and industrial interfaces. Compared to traditional mini PCs, the NUC 16 Pro uniquely combines AI acceleration, enterprise-grade security, and industrial readiness in a compact form factor, delivering long-term value for intelligent enterprise deployments.



**Up to 180 AI TOPS
with Series 3
Intel® Core™ Ultra
X9 processors
—powerful AI
performance in a
compact NUC**

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



[Intel® Core™
Ultra Processors](#)



[Intel® Arc™
Graphics](#)



[OpenVINO™](#)



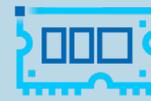
[Intel® oneAPI
Toolkit](#)

Key Features

Empowered by Intel.



AI-Accelerated Performance



High-Speed, Energy-Efficient Memory



Hyper-Connected Networking



Enterprise-Grade Security & Management

ASUS NUC 16 Pro



intel ai

Intel® AI Edge Systems

Product Specifications

CPU	Series 3 Intel® Core™ Ultra X9 processors
Graphics	Intel® Arc™ 12Xe Graphics
Memory	Up to LPDDR5x-9600, 16GB, 32GB, 64GB or 96GB
Storage	2x M.2 2280 key M slots (1x PCIe x4 Gen5, 1x PCIe x4 Gen4) supports 128GB~8TB NVMe SSDs
Wireless Network	Intel® Wi-Fi 7 BE211 (Gig+), Bluetooth 6.0
LAN	Dual Intel® Ethernet Controller I226-V, 2.5G
Operating / Storage Temp.	0°C - 40°C / -40°C to 60°C
Dimension (W x D x H)	144mm x 117mm x 42mm
Weight	750g
OS	Windows 11 Home 64-bit, Windows 11 Pro 64-bit

Learn More

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