

Compact AI Computing for Modern Business Workloads



NUC 16

Everyday AI Powered by Intel® Core™ Series 3 Processors

The ASUS NUC 16 delivers AI-enhanced computing in an ultra-compact form factor, helping businesses bring intelligent capabilities closer to where work gets done.

Powered by Intel® Core™ Series 3 processors, the platform combines CPU, GPU, and integrated NPU resources to provide up to 40 total platform TOPS for everyday AI workloads, enabling responsive performance for office productivity, retail operations, digital signage, and light IoT applications. Advanced Intel graphics, up to 64 GB of DDR5-6400 memory, and support for up to three 4K displays help accelerate multitasking, visualization, and content creation.

Designed for modern edge deployments, the ASUS NUC 16 also features Wi-Fi 7, Bluetooth® 6, dual LAN connectivity, and a tool-less, upgradeable chassis that simplifies deployment and expansion. By combining efficient AI acceleration, versatile connectivity, and a small footprint, it delivers practical AI capabilities without compromising performance or manageability.



**ASUS NUC 16
Mini PCs, Kits,
and Boards
deliver everyday
AI experiences
designed for
modern business
environments.**

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™
Processors



Intel® Ethernet

Key Features

Empowered by Intel.



40 TOPS AI
Acceleration



Triple 4K
Display
Support



Wi-Fi 7 and
Dual Lan



Compact
Upgradeable
Design

ASUS NUC 16



intel ai

Intel® AI Edge Systems

Product Specifications

CPU	Intel® Core™ 7 Series 3 processor
Graphics	Integrated Intel® Graphics
Memory	1 x CSO-DIMM, Up to DDR5-6400. Supports up to 64GB x 1
Storage	1 x M.2 2280 PCIe Gen4x4, supports 128GB~2TB NVMe SSD
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 to ~ 40°C / -40°C ~ 60°C
Dimension (W x D x H)	144mm x 117mm x 42 mm
Weight	0.58 kg
OS	Windows 11 Pro/Home/Edu/IoT
I/O (Input/Output)	1× Thunderbolt™ 4, 1× USB-C, 4× USB, 2× HDMI® 2.1, 2× 2.5GbE LAN, Audio Jack

Learn More

[ASUS NUC 16](#)

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