

ROG NUC (2025)

Gaming Redefined: Power Meets Precision



The ROG NUC revolutionizes gaming with Intel® Core™ Ultra 9/7 processors and NVIDIA® GeForce RTX™ 5080, 5070Ti, 5070, 5060 Laptop GPU, delivering fluid gameplay and stunning visuals. The sleek 3L design facilitates quick upgrades and maintenance, ensuring seamless multitasking for gamers who crave performance. With customizable ARGB lighting and Intel® Killer™ Wi-Fi 7, this mini-PC enhances your gaming experience while reflecting your unique style.

Key Selling Points

Hardcore Gaming Power: Powered by Intel® Core™ Ultra 9 275HX processor (Series 2) or Intel® Core™ Ultra 7 255HX processor (Series 2) and up to 200+ Platform TOPS, the ROG NUC blends AI-driven performance with future-ready efficiency, delivering up to 18% generation-over-generation improvement for a seamless gaming experience.

AI-Powered Graphics: NVIDIA® GeForce RTX™ 50-Series laptop GPU with DLSS technology takes gaming and realism to the next level, leveraging the power of RTX™ GPUs to deliver breathtaking visuals.

Lag-Free Streaming: Featuring Intel® Killer™ Wi-Fi 7 with transfer speeds up to 4.8X faster and certified Bluetooth® 5.4, ensuring fast online performance for competitive gaming.

QuietFlow Cooling: ROG NUC's three fans and dual Vapor Chamber ensure effective cooling and quiet operation, letting you truly hear the game.

Effortless Upgrades in 3L size : Thumb screw enable quick, 3L size and tool-free access for memory and storage upgrades.

Premium ROG Aesthetics with RGB: Personalize with Aura Sync, featuring a sleek design and convenient top-mounted power button.

Target Market

- Gaming
- Content Creators
- Prosumer
- AI and Data Processing

Target Audience

- Hardcore Gamers
- Technophiles
- Streamer

*Two are monitors supported via a Thunderbolt splitter adapter (not included)

Specifications, content, and product availability are all subject to change without notice and may differ from country to country. Actual performance may vary depending on the application, usage, environment, and other factors. Full specifications are available at <http://www.asus.com>



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Mini-PC Specifications

Market Name	ROG NUC (2025)			
Project Code	NUC15JNK	NUC15JNK	NUC15JNK	NUC15JNK
	NUC15JNKU9X9	NUC15JNKU9X7	NUC15JNKU9X6	NUC15JNKU7X4
OS Support†	Windows 11 Home ^{(1),†}			
CPU	Intel® Core™ Ultra 9 Processor 275HX 2.7GHz			Intel® Core™ Ultra 7 Processor 255HX 2.4GHz
	(36MB Cache, up to 5.4 GHz, 24 cores, 24 Threads); Intel® AI Boost NPU up to 13, cTDP (45-75) ⁽⁴⁾			
Chipset	Intel Chipset HM870			
Integrated Graphics	Intel® GPU ⁽²⁾			
Discrete Graphics	NVIDIA® GeForce RTX™ 5080 Laptop GPU	NVIDIA® GeForce RTX™ 5070Ti Laptop GPU	NVIDIA® GeForce RTX™ 5070 Laptop GPU	NVIDIA® GeForce RTX™ 5060 Laptop GPU
	(150+25W) Dynamic Boost 16GB GDDR7	(115+25W) Dynamic Boost 12GB GDDR7	(100+15W) Dynamic Boost 8GB GDDR7	Dynamic Boost 8GB GDDR7
Memory†	Included: 16GB DDR5-6400 CSO-DIMM x 2			
	Max Capacity: 48GB DDR5-5600 SODIMM x 2			
Storage†	Included: Included:2TB M.2 2280 NVMe™ PCIe® 4.0 SSD (Support: 1TB~2TB M.2 2280 NVMe™ PCIe® 4.0 x 4 SSD or 1TB~2TB M.2 2280 NVMe™ PCIe® 5.0 x 4 SSD)			
Wireless Network	Intel® Killer™ Wi-Fi 7 BE1750x (Gig+), Bluetooth® 5.4 wireless card (*Bluetooth® version may change with different OS version.)			
LAN	Intel® Ethernet Controller E3100G, 2.5G			
Audio	ALC3251			
TPM	Firmware TPM			
HDMI CEC	Yes, 2 ports on back panel			
Front I/O Ports	2 x USB 3.2 Gen2 Type-A 1 x USB 3.2 Gen2 Type-C 1x 3.5mm Combo Audio Jack			
Back I/O Ports ⁽⁸⁾	1 x Thunderbolt 4 Type-C w/ DisplayPort™ 2.1 4 x USB 3.2 Gen 2 Type-A 2 x HDMI 2.1 FRL 2 x DP 2.1 1 x RJ45 LAN 1 x DC-in			
Power Supply	Power Adapter Meets DOE Level VI, efficiency > 88% 19.5VDC, 16.9A, 330W Power Adapter			
Dimensions	(W) 282.4mm x (D) 187.7mm x (H) 56.5mm (bottom: 146mm)			
Weight	3.12kg (6.88 lbs)			
Package	Dimensions : 370 x 258 x 190mm / Weight: 5.86kg (12.9 lbs) including system			
Orientation	Vertical only with integrated base ⁽⁷⁾			
Accessories	AC Adapter+Power Cord ⁽³⁾ ; Safety Information; Regulatory Insert; Warranty Card			
Design	Tool less design for quick integration			

(1) Pre-Installed OS version;
(other supported OS but not pre-installed: Windows 11 Pro 64-bit, Windows 11 Pro Education 64-bit, Windows 11 IoT Enterprise 64-bit, Ubuntu 24.04 LTS 64-bit, RedHat Enterprise Linux 64-bit)*

(2) Intel® Arc™ GPU requires using 2 x SO-DIMM

(3) Power cord included is region specific, and some SKUs do not include the power cord

(4) Overall power consumption is dependent on both GPU and CPU power utilization under specific thermal and operational mode conditions

(5) Supports SODIMM up to 5600MHz; requires CSODIMM for 6400MHz

(6) Non-condensing humidity as defined by temperature vs dew point

(7) Horizontal placement and wall mounting are not recommended due to thermal concerns

†Pre-configured memory capacity, storage and Windows OS version may differ by country inquire with local sales

(8) Natively, it supports up to five displays(4K): two via HDMI 2.1 (FRL), two via DisplayPort 2.1, and one via Thunderbolt 4. The Thunderbolt 4 Type-C output can also be split to provide two displays, allowing a total of six displays.

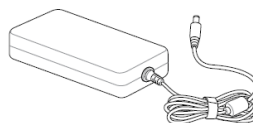
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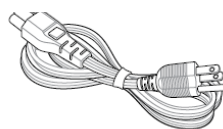
What's in the box



ROG NUC
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Power Adapter
19.5V DC 330W
power supply



Power Cord*



Inserts

NOTE:

- The most up-to-date and accurate product specifications are available on www.asus.com for download.
- Product and accessory images are for illustrative purposes only. The actual appearance and specifications may vary depending on the model.
- *The bundled power adapter may vary depending on the model and the country (or region) of sale.
- Some bundled accessories may vary depending on the model. For details on these accessories, refer to their respective user manuals.
- If the device or its components fail or malfunction during normal and proper use within the warranty period, bring the warranty card to the ASUS Service Center for replacement of the defective components.

*Power cord options are SKU dependent and may include a no-cord option

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