

NUC 15 Performance

Power Ahead. Maximize Efficiency



Experience elite performance with the NUC 15 Performance — featuring Intel® Core™ Ultra 9/7 (Series 2) processors and next-gen NVIDIA® graphics. Housed in a sleek 3L chassis, it offers effortless upgrades, advanced thermal design, and seamless multitasking. With Intel® Killer™ Wi-Fi 7, stay fast, responsive, and uniquely connected.

Key Selling Points

Next Level Performance: Equipped with Intel® Core™ Ultra 9 275HX and Intel® Core™ Ultra 7 255HX, the ROG NUC delivers exceptional AI-driven performance and cutting-edge efficiency, achieving up to 18% generation-over-generation improvement for a seamless, next-level computing experience.

AI-Powered Graphics: With NVIDIA® GeForce RTX™ 5070 and 5060 Discrete Graphics, experience superior performance and stunning visuals for business tasks. Boost multitasking and content creation with up to 2X performance improvement over previous generations.

Ultra-Smooth Streaming: Equipped with Intel® Killer™ Wi-Fi 7 for transfer speeds up to 4.8X faster and Bluetooth® 5.4, ensuring fast and reliable connectivity for seamless business operations and productivity.

QuietFlow Cooling: ASUS NUC 15 Performance's advanced three-fan system and dual Vapor Chamber provide efficient cooling and ultra-quiet operation, ensuring a distraction-free environment for seamless business performance.

Flexible Expandability: With the thumb screw design, easily and quickly open to upgrade memory or storage, tool-free for a simple and convenient experience.

Reliable & Sustainable: Features 24/7 reliability with rigorous torture testing and MIL-STD-810H certification, ensuring durability in extreme conditions.

Target Market

- Digital Media
- Healthcare
- Manufacturing & Transportation Tech
- Automation Tech Startups

*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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Kit Specifications

Image A

Marketing Name		NUC 15 Performance	
Project Code	NUC15JNK-B	NUC15JNK-B	
Product Name	NUC15JNLU9X6	NUC15JNLU7X4	
Photo	Image A	Image A	
ASUS Logo	N/A	N/A	
ASUS NUC Logo	N/A	N/A	
Color	Black	Black	
OS Support	Microsoft Windows 11 Home 64-bit Microsoft Windows 11 Pro 64-bit Microsoft Windows 11 Pro Education 64-bit Microsoft Windows 11 IoT Enterprise 64-bit Ubuntu 24.04 LTS 64-bit RedHat Enterprise Linux 64-bit *No OS installed at shipment	Microsoft Windows 11 Home 64-bit Microsoft Windows 11 Pro 64-bit Microsoft Windows 11 Pro Education 64-bit Microsoft Windows 11 IoT Enterprise 64-bit Ubuntu 24.04 LTS 64-bit RedHat Enterprise Linux 64-bit *No OS installed at shipment	
CPU & Graphics	Intel® Core™ Ultra 9 275HX, cTDP (45-75)	Intel® Core™ Ultra 7 255HX, cTDP (45-65)	
Chipset	Intel® Chipset HM870	Intel® Chipset HM870	
Integrated Graphics	Intel® Graphics	Intel® Graphics	
Discrete Graphics	NVIDIA® GeForce RTX™ 5070 GPU Laptop GPU	NVIDIA® GeForce RTX™ 5060 GPU Laptop GPU	
Memory	2 x CSO-DIMM, Up to DDR5-6400, 48GB*2 ⁵	2 x CSO-DIMM, Up to DDR5-6400, 48GB*2 ⁵	
Storage	1 x M.2 2280 PCIe Gen4x4, supports 128GB~4TB NVMe SSD, 1 x M.2 2280 PCIe Gen5x4, supports 128GB~4TB NVMe SSD	1 x M.2 2280 PCIe Gen4x4, supports 128GB~4TB NVMe SSD, 1 x M.2 2280 PCIe Gen5x4, supports 128GB~4TB NVMe SSD	
Wireless Network	Intel® Killer™ Wi-Fi 7 BE1750x (Gig+), Bluetooth® 5.4	Intel® Killer™ Wi-Fi 7 BE1750x (Gig+), Bluetooth® 5.4	
LAN	Intel® Ethernet Controller E3100G, 2.5G	Intel® Ethernet Controller E3100G, 2.5G	
Audio	Realtek ALC3251	Realtek ALC3251	
TPM	fTPM	fTPM	
Card Reader	No	No	
HDMI CEC	Yes, 2 ports on back panel	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	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	1 x Thunderbolt™ 4 USB4 Type-C w/DisplayPort™ 2.1 2 x HDMI 2.1 FRL port 2 x DisplayPort 2.1 ports 4 x USB 3.2 Gen2 Type-A 1 x RJ45 LAN 1 x DC-in 1 x Kensington Lock slot	1 x Thunderbolt™ 4 USB4 Type-C w/DisplayPort™ 2.1 2 x HDMI 2.1 FRL port 2 x DisplayPort 2.1 ports 4 x USB 3.2 Gen2 Type-A 1 x RJ45 LAN 1 x DC-in 1 x Kensington Lock slot	
Side I/O Ports	N/A	N/A	
Power Supply	Power Adapter Meets DOE Level VI, efficiency > 88% 19.5VDC, 16.9A, 330W Power Adapter	Power Adapter Meets DOE Level VI, efficiency > 88% 19.5VDC, 16.9A, 330W Power Adapter	
Operating Temp	0 to 35°C	0 to 35°C	
Storage Temp	-40 to 60°C	-40 to 60°C	
Humidity	0%-85% non-condensing ⁶	0%-85% non-condensing ⁶	
Orientation	Vertical only with integrated base ⁷	Vertical only with integrated base ⁷	
Dimensions (W x D x H)	282.4mm x 187.7mm x 56.5mm (bottom: 146mm)	282.4mm x 187.7mm x 56.5mm (bottom: 146mm)	
Weight	3.12 kg AC Adapter+Power Cord ³ Safety Information Regulatory Insert Warranty Card	3.12 kg AC Adapter+Power Cord ³ Safety Information Regulatory Insert Warranty Card	
Accessories			

Tool less design for quick integration

⁽²⁾ Power cord included is region specific, and some SKUs do not include the power cord

⁽³⁾ Overall power consumption is dependent on both GPU and CPU power utilization under specific thermal and operational mode conditions

⁽⁴⁾ Supports SODIMM up to 5600MHz; requires CSODIMM for 6400MHz

⁽⁵⁾ Humidity Info detail please check link: [Non-condensing humidity as defined by temperature vs dew point.](#)

⁽⁶⁾ Horizontal placement and wall mounting are not recommended due to thermal concerns

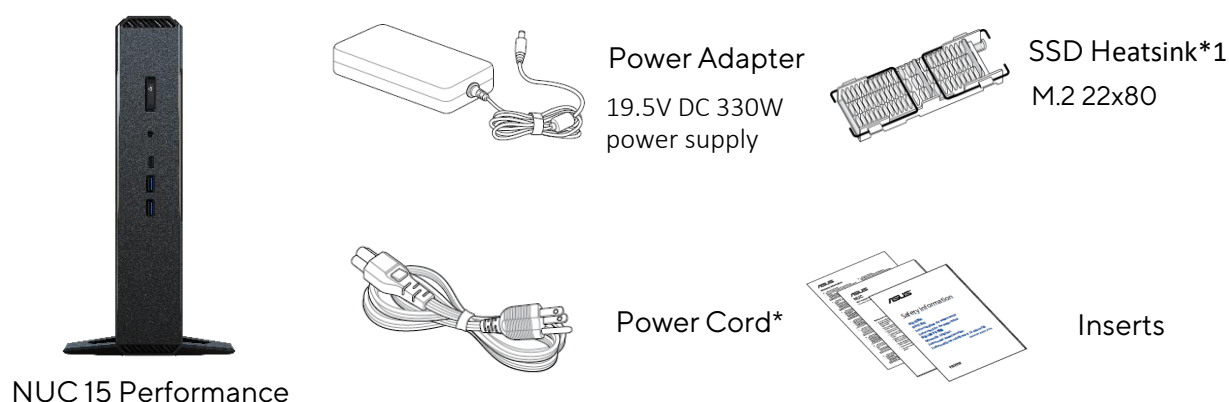
*Power cord options are SKU dependent and may include a no-cord option

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What's in the box



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.

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