

ASUS NUC

Redefining Versatility and Innovation



Powerful, Compact and Versatile
Solutions for Business and
Professionals



ASUS

NUC

ASUS NUC 14 Pro AI

Create, achieve, and stay secure with **Ai** innovation

World's 1st AI Mini PC with Intel® Core™ Ultra (Series 2)

Built-in mic and speaker for voice command

Fingerprint recognition and Secure Boot

Copilot Button for quick AI access

Copilot+PC

WiFi 7

Bluetooth 5.4

THUNDERBOLT 4

Copilot+PC experiences are coming. Regular free updates available starting later this year. Timing varies by device and region. See aka.ms/copilotpluspc.

intel core ultra

intel arc graphics

Powered by the latest Intel® Core™ Ultra 9 processors (Series 2), NUC 14 Pro AI/AI+ delivers up to 120 platform TOPS to accelerate AI workloads. They also feature an Intel® Arc™ 140V/130V GPU with Xe2 architecture — the first GPU to integrate LPDDR5x-8533 MT/s memory-on-chip, providing up to 1.5X the bandwidth of traditional DDR5.

+18%

Fastest CPU Core⁽¹⁾

up to 50%

Most Efficient x86 Processor⁽²⁾

up to 2x

Better GPU power efficiency⁽³⁾

up to 1.8x

Peak performance uplift⁽⁴⁾

Note: (1) vs. Intel® Core™ Ultra 7 155 H
(2) vs. Intel® Core™ Ultra 7 165 H
(3) vs. previous generation of Intel® Arc™ GPU
(4) vs. Intel® Core™ Ultra 7 155 H on UL Procyon® AI NPU Int8

Enhanced AI Capabilities

ASUS NUC 14 Pro AI+ is the world's first desktop Copilot+ mini PC, delivering up to 48 NPU TOPS and tripling the AI performance of the previous generation. By processing locally on the device, the NPU ensures fast, efficient, and private AI experiences.

up to 48 NPU TOPS

up to 3x

AI Performance*

Note*: vs. Intel® previous generation

Customized AI-Powered E-ink Display

NUC 14 Pro AI+

Lightbulb icon

Unlock Your Creativity
Personalize your identification icon on the Multi-Color E-ink.

Leaf icon

Eco-Friendly Design
E-ink display remains visible even when powered off

Eye icon

Power Efficiency
Consumes up to 99% less power than traditional LCD displays

Next Level AI

	NUC 14 Pro AI Mini PC	NUC 14 Pro AI+ Mini PC
Operating System Support	Windows® 11 Home/Pro 24H2 Windows® 11 IoT RedHat Rhel-server-9.3 Ubuntu 23.10 Fedora 1.6 OpenSUSE-Leap-15.5	Windows® 11 Home/Pro 24H2 Windows® 11 IoT RedHat Rhel-server-9.3 Ubuntu 23.10 Fedora 1.6 OpenSUSE-Leap-15.5
CPU	Intel® Core™ Ultra 9 288V/32G Memory Intel® Core™ Ultra 7 258V/32G Memory Intel® Core™ Ultra 7 256V/16G Memory Intel® Core™ Ultra 5 228V/32G Memory Intel® Core™ Ultra 5 226V/16G Memory	Intel® Core™ Ultra 9 288V/32G Memory Intel® Core™ Ultra 7 258V/32G Memory Intel® Core™ Ultra 7 256V/16G Memory Intel® Core™ Ultra 5 228V/32G Memory Intel® Core™ Ultra 5 226V/16G Memory
Chipset	Integrated	Integrated
Graphics	Integrated Intel® Arc™ 140V/130V Graphics	Intel® Arc™ 140V/130V Graphics
Memory	Embedded LPDDR5x- 8533 MT/S 16G/32G Memory on Processor	Embedded LPDDR5x-8533 MT/S 16G/32G Memory on Processor
Storage	1x M.2 2280 PCIe4x4, supports 256GB~4TB NVMe SSD	1x M.2 2280 PCIe4x4, supports 256GB~4TB NVMe SSD
Wireless Network	Wi-Fi 7(802.11be) 2*2 + Bluetooth® 5.4	Wi-Fi 7(802.11be) 2*2 + Bluetooth® 5.4
Speaker	1x Internal Momo-Speaker with External Smart Amp	1x Internal Momo-Speaker with External Smart Amp
LAN	10/100/1000/2500 Mbps, 2.5G Intel® LAN	10/100/1000/2500 Mbps, 2.5G Intel® LAN
TPM	fTPM 2.0 or TPM 2.0 Chip (Optional)	fTPM 2.0 or TPM 2.0 Chip (Optional)
Front I/O Ports	1x Power Button 1x Copilot Button 1x Thunderbolt™ 4 (Supports DisplayPort 2.1) 2x USB 3.2 Gen1 Type-A (5 Gbps) 1x Audio Jack (Line out/ Mic in/Headphone out)	1x Power Button 1x Copilot Button 1x Thunderbolt™ 4 (Supports DisplayPort 2.1) 2x USB 3.2 Gen1 Type-A (5 Gbps) 1x Audio Jack (Line out/ Mic in/Headphone out)
Top I/O Ports	1x Fingerprint Module	1x Fingerprint Module 1x Multi-color E-ink and LED Ring
Rear I/O Ports	1x Thunderbolt™ 4 (Supports DisplayPort 2.1) 2 x USB 3.2 Gen2 Type-A (10 Gbps) 1 x HDMI port 1x 2.5G RJ45 LAN 1x DC-in	1x Thunderbolt™ 4 (Supports DisplayPort 2.1) 2 x USB 3.2 Gen2 Type-A (10 Gbps) 1 x HDMI port 1x 2.5G RJ45 LAN 1x DC-in
Power Supply	120W Power Adapter	120W Power Adapter
Dimension	130 x 130 x 34mm (0.5476 L)	130 x 130 x 34mm (0.5476 L)
Available SKUs	● Mini PC ● Kits ○ Boards	● Mini PC ○ Kits ○ Boards

1. Only ASUS NUC 14 Pro AI/AI+ pre-installed with Microsoft Windows® 11 64bit comes with Copilot+ PC Support
2. Free update to Copilot+ PC experiences available, timing varies by device and region, see aka.ms/copilotpluspc for more information.



NUC 15 Pro+

Unleash Ultra Power. Embrace Elegance

- Extreme AI with the Latest Intel® Core™ Ultra 9 CPU (Series 2)
- Stunning Visuals with Intel® Arc™ Graphics
- Whisper-Quiet Cooling through Advanced Airflow Design
- Seamless Connectivity with Wi-Fi 7 and Bluetooth® 5.4



Up to
Intel® Core™ Ultra 9 CPU (Series 2)

Intel® Arc™ GPU

Up to **2X** Performance* Compared to the Previous Generation

* Compared to Intel Iris Xe graphics.

Intel vPro®

for enhanced manageability & security, protecting data from cyber threats.

DDR5

Up to **96 GB** 6400 MHz

M.2 2280 NVMe Support

Easy-to-upgrade
Toolless Integration

WiFi 7

Bluetooth® 5.4

Cooler, Quieter Performance
Ultra-Quiet Cooling Design

THUNDERBOLT™

Up to
Quad 4K Displays

Convenient Power Sync

Turn On/Off in Sync with Your Display

Premium Anodized Aluminum chassis

1. 2x USB 3.2 Gen2 Type-A
2. USB 3.2 Gen 2x2 Type-C
3. Power button

4. DC-in
5. 2x HDMI 2.1 (TMDS)
6. 2x Thunderbolt 4
7. 2.5 Gb Ethernet
8. USB 2.0 Type-A
9. USB 3.2 Gen2 Type-A
10. Kensington Lock

Robust Design

MIL-STD 810H Multiple Tests Passed

Free 3 Months of Adobe Creative Cloud (Valued at \$488.91)



	NUC 15 Pro+ Mini-PC	NUC 15 Pro+ Kit
Operating System Support	Windows 11 64-bit	Windows 11 64-bit / Ubuntu 24.04 LTS 64bit / RedHat Enterprise Linux 64-bit *No OS installed at shipment
CPU	Intel® Core™ Ultra 9 Processor 285H Intel® Core™ Ultra 7 Processor 265H (vPro) Intel® Core™ Ultra 5 Processor 235H (vPro) Intel® Core™ Ultra Processor 7 255H Intel® Core™ Ultra Processor 5 225H	Intel® Core™ Ultra 9 Processor 285H Intel® Core™ Ultra 7 Processor 265H (vPro) Intel® Core™ Ultra 5 Processor 235H (vPro) Intel® Core™ Ultra Processor 7 255H Intel® Core™ Ultra Processor 5 225H
Chipset	Integrated	Integrated
Graphics	Intel® Arc™ GPU ¹	Intel® Arc™ GPU ¹
Memory	2 x SO-DIMM, Up to DDR5-6400, 96GB*2	2 x SO-DIMM, Up to DDR5-6400, 96GB*2 *No memory installed at shipment
Storage	1 x M.2 2280 PCIe Gen4x4, supports 128GB~2TB NVMe SSD 1 x M.2 2242 PCIe Gen4x4, supports 128GB~2TB NVMe SSD PCIe Gen 5 ready design	1 x M.2 2280 PCIe Gen4x4, supports 128GB~2TB NVMe SSD 1 x M.2 2242 PCIe Gen4x4, supports 128GB~2TB NVMe SSD *No storage installed at shipment
Wireless Network	Intel® Wi-Fi 7 BE201 + Bluetooth 5.4	Intel® Wi-Fi 7 BE201 + Bluetooth 5.4
LAN	Intel® Ethernet Controller I226-V/LM, 2.5G ²	Intel® Ethernet Controller I226-V/LM, 2.5G ²
Audio	Up to 7.1 multichannel (or 8-channel) digital audio on HDMI and DP Type-C ports	Up to 7.1 multichannel (or 8-channel) digital audio on HDMI and DP Type-C ports
HDMI CEC	Yes, 2 ports on back panel	Yes, 2 ports on back panel
Front I/O Ports	1 x USB 3.2 Gen2x2 Type-C 2 x USB 3.2 Gen2 Type-A	1 x USB 3.2 Gen2x2 Type-C 2 x USB 3.2 Gen2 Type-A
Back I/O Ports	2 x HDMI 2.1 TMDS Compatible (4K@60Hz) 2 x Thunderbolt™ 4 ports (incl. DP 2.1 and USB4) 1x USB 3.2 Gen2 Type-A 1x USB Type-A 1 x RJ45 LAN 1 x DC-in 1 x Kensington Lock	2 x HDMI 2.1 TMDS Compatible (4K@60Hz) 2 x Thunderbolt™ 4 ports (incl. DP 2.1 and USB4) 1x USB 3.2 Gen2 Type-A 1x USB Type-A 1 x RJ45 LAN 1 x DC-in 1 x Kensington Lock
Power Supply	19.5VDC, 7.69A, 150W Power Adapter (Core Ultra 9) 19VDC, 6.32A, 120W Power Adapter (Core Ultra 5/7)	19.5VDC, 7.69A, 150W Power Adapter (Core Ultra 9) 19VDC, 6.32A, 120W Power Adapter (Core Ultra 5/7)
Dimensions	144mm x 112mm x 42mm	144mm x 112mm x 42mm
Weights	600g	600g
Accessories	AC Adapter + Power Cord ⁴ VESA Bracket and Screws Safety/Caution/Regulatory Insert Warranty Card	AC Adapter + Power Cord ⁴ VESA Bracket and Screws Safety/Caution/Regulatory Insert Warranty Card
Available SKUs	Mini PC	Kits Boards

For Business

Flexible, versatile, customizable

The perfect solution for every business need.
From office to conference rooms,
signage to IoT



NUC 15 Pro

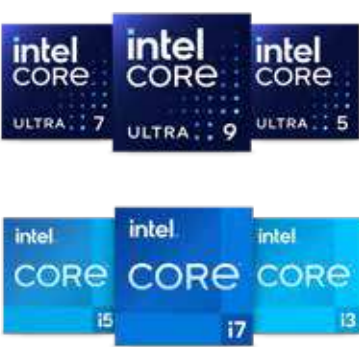
Best Compact Choice for AI Driven Future

- The Intel® Core™ Ultra processor (Series 2) with up to 99 Platform TOPS is optimized for a wide range of workloads.
- Superior connectivity includes Intel® Wi-Fi 7, Wi-Fi Proximity Sensing, and certified Bluetooth® for enhanced audio and seamless connections.
- Robust security features Intel® vPro™ and fTPM 2.0

Everyday AI

ASUS NUC/Mini PC For Business

NUC packs the power of the latest-generation, full-size desktop PCs into a form factor small enough to hold in your hand. They range from NUC boards for embedded applications to ready-to-run business mini PCs.



Full-size desktop PC performance. Tiny NUC

Choose the latest Gen Intel® Core™ processors with extensive I/Os—including USB 3.1 ports, HDMI, Thunderbolt™ 4 technology, Gigabit Ethernet—all packed into a range of flexible, customizable form factors.



Built for commercial environments

NUC Pro and Rugged Mini PCs, kits, and boards are certified for 24/7 operation and offer additional features for commercial environments. These include persistent display emulation, variable input voltage, and HDMI CEC.



Multidisplay 4K video and graphics

NUC can drive multiple 4K displays while processing multiple streams of incoming video via Thunderbolt™ 4 technology. Multiple dedicated graphics cores rip through 3D animation, CAD models, and video rendering. This makes NUC equally adept as high-performance workstations and digital signage PCs.



Intel vPro® platform*

The Intel vPro® platform delivers the performance, security, manageability, and stability businesses need to be productive and efficient. Look for Intel vPro platform-eligible NUC Mini PCs, kits, and boards.

	 NUC 15 Pro Mini PC (Tall/Slim)	 NUC 15 Pro Kit (Tall/Slim)
Operating System Support	Windows 11 64-bit Ubuntu 24.04 LTS 64-bit RedHat Enterprise Linux 64-bit	Windows 11 64-bit Ubuntu 24.04 LTS 64-bit RedHat Enterprise Linux 64-bit
CPU	Intel® Core™ Ultra 7 265H (vPro), Intel® Core™ Ultra 5 235H (vPro), Intel® Core™ Ultra 7 255H, Intel® Core™ Ultra 5 225H, Intel® Core™ 7 240H, Intel® Core™ 5 210H, Intel® Core™ 3 100U	Intel® Core™ Ultra 7 265H (vPro), Intel® Core™ Ultra 5 235H (vPro), Intel® Core™ Ultra 7 255H, Intel® Core™ Ultra 5 225H, Intel® Core™ 7 240H, Intel® Core™ 5 210H, Intel® Core™ 3 100U
Chipset	Integrated	Integrated
Graphics	Intel® Arc™ GPU (Core Ultra) ¹ Intel® Graphics (Core3, Core 5, Core 7)	Intel® Arc™ GPU (Core Ultra) ¹ Intel® Graphics (Core3, Core 5, Core 7)
Memory	2 x SO-DIMM, Up to DDR5-5600, 48GB*2 (Core 3, Core 5, Core 7)2 x CSO-DIMM, Up to DDR5-6400, 48GB*2 (Core Ultra)	2 x SO-DIMM, Up to DDR5-5600, 48GB*2 (Core 3, Core 5, Core 7)2 x CSO-DIMM, Up to DDR5-6400, 48GB*2 (Core Ultra)
Storage	1 x M.2 2280 PCIe Gen4x4, supports 128GB~2TB NVMe SSD 1 x M.2 2242 PCIe Gen4x4, supports 128GB~2TB NVMe SSD PCIe Gen 5 ready design	1 x M.2 2280 PCIe Gen4x4, supports 128GB~2TB NVMe SSD 1 x M.2 2242 PCIe Gen4x4, supports 128GB~2TB NVMe SSD *No storage installed at shipment PCIe Gen 5 ready design
Wireless Network	Intel® Wi-Fi 7 BE201 + Bluetooth 5.4 (Core Ultra) Intel® Wi-Fi 7 BE202 + Bluetooth 5.4 (Core 3, Core 5, Core 7)	Intel® Wi-Fi 7 BE201 + Bluetooth 5.4 Intel® Wi-Fi 7 BE202 + Bluetooth 5.4 (Core 3, Core 5, Core 7)
LAN	Intel® Ethernet Controller I226-V/LM, 2.5G ²	Intel® Ethernet Controller I226-V/LM, 2.5G ²
Audio	Up to 7.1 multichannel (or 8-channel) digital audio on HDMI and DP Type-C ports	Up to 7.1 multichannel (or 8-channel) digital audio on HDMI and DP Type-C ports
TPM	fTPM	fTPM
HDMI CEC	Yes, 2 ports on back panel	Yes, 2 ports on back panel
Front I/O Ports	1 x USB 3.2 Gen2x2 Type-C 2 x USB 3.2 Gen2 Type-A	1 x USB 3.2 Gen2x2 Type-C 2 x USB 3.2 Gen2 Type-A
Back I/O Ports	2 x HDMI 2.1 TMDS Compatible (4K@60Hz) 2 x Thunderbolt™ 4 ports (incl. DP 2.1 and USB4) 1 x USB 3.2 Gen2 Type-A 1 x USB Type-A 1 x RJ45 LAN 1 x DC-in	2 x HDMI 2.1 TMDS Compatible (4K@60Hz) 2 x Thunderbolt™ 4 ports (incl. DP 2.1 and USB4) 1 x USB 3.2 Gen2 Type-A 1 x USB Type-A 1 x RJ45 LAN 1 x DC-in
Side I/O Ports	1 x Kensington Lock	1 x Kensington Lock
Power Supply	Power supply adapter (120W/19VDC for Core Ultra 5, 7, Core 5, 7; 90W/19VDC for Core 3) with geo-specific AC cord (IEC C5)	Power supply adapter (120W/19VDC for Core Ultra 5, 7, Core 5, 7; 90W/19VDC for Core 3) with geo-specific AC cord (IEC C5)
Dimensions	Tall: 117mm x 112mm x 54mm Slim: 117mm x 112mm x 37mm	Tall: 117mm x 112mm x 54mm Slim: 117mm x 112mm x 37mm
Accessories	AC Adapter+Power Cord ⁴ / VESA Bracket and Screws / Cable Clip / Safety / Caution / Regulatory Insert / Warranty Card	AC Adapter+Power Cord ⁴ / VESA Bracket and Screws / Cable Clip / Safety / Caution / Regulatory Insert / Warranty Card
Available SKUs	 Mini PC	 Kits
		 Boards

* The SKUs listed may not cover all SKUs and all specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.

Everyday AI



NUC 14 Pro

Compact Power, Intelligent Performance

- Up to Intel® Core™ Ultra 7 Processor
- AI Ready for Optimal Performance
- Intel **vPro**® Enterprise for comprehensive security and hardware-based remote management
- Toolless Chassis Design for Easy Upgrades



This Mini-PC Means Business

ASUS NUC 14 Pro is compact, powerful, and reliable, offering unparalleled performance, exceptional security and manageability, AI readiness, Wi-Fi sensing, wireless connectivity, and customization to drive modern business, edge computing, and IoT use cases.



AI Readiness Intel® Core™ Ultra processor

Harness the prowess of Intel® Core™ Ultra processors' three AI engines – GPU, NPU, and CPU – for high throughput, low power, and fast response



Built for commercial environments

ASUS NUC 14 Pro Mini PCs, Kits, and Boards offer the perfect combination of size, performance, intelligence, and reliability to drive modern business. ASUS NUC 14 Pro is a versatile PC platform for commercial environments with a small form-factor, platform longevity, robustness, and storage and I/O expandability:



Compact Power, Intelligent Performance

ASUS NUC 14 Pro is ready to handle even the most demanding workloads. Its compact, less-than-one-liter chassis takes up minimal space on a desk or workstation. With fewer materials, less packaging, and less warehousing, ASUS NUC 14 Pro saves space and energy, and promotes sustainability.



Intel **vPro**® platform*

The Intel **vPro**® platform delivers the performance, security, manageability, and stability businesses need to be productive and efficient. Look for Intel **vPro** platform-eligible NUC Mini PCs, kits, and boards.

Everyday AI		Everyday AI	
NUC 14 Pro Mini PC		NUC 14 Pro Kit (Barebone)	
Operating System Support	Windows 11 Pro	Support for Windows 11 *Compatible with various Linux distributions	
CPU	Intel® Core™ Ultra 7 155H Processor Intel® Core™ Ultra 5 135H Processor Intel® Core™ Ultra 5 125H Processor (TDP up to 40W)	NUC14RVK Intel® Core™ Ultra 7 155H Processor Intel® Core™ Ultra 5 125H Processor Intel® Core™ 3 100U Processor (TDP up to 40W) NUC14RVH/B Intel® Core™ Ultra 7 165H Processor with vPro Intel® Core™ Ultra 7 155H Processor Intel® Core™ Ultra 5 135H Processor with vPro Intel® Core™ Ultra 5 125H Processor Intel® Core™ 3 100U Processor (TDP up to 40W)	
Chipset	Integrated	Integrated	
Graphics	Intel® Arc™ GPU (U7/U5), Intel® Graphics (i3) *System requires 128-bit dual channel memory for optimal performance		
Memory	Includes either 16GB or 32GB DDR5-5600MHz (depending on SKU)	2 x SO-DIMM DDR5 5600 8GB x2 Support up to 48GB x2	
Storage	Includes either 512GB or 1TB M.2 PCIe Gen4x4 NVMe SSD (depending on SKU)	NUC14RVK 1 x M.2 2280 PCIe Gen4x4 NVMe SSD Slot Support 1x M.2 2242 PCIe x4 NVMe SSD Slot Support NUC14RVH 1x M.2 2280 PCIe Gen4x4 NVMe SSD Slot Support 1x M.2 2242 PCIe x4 NVMe SSD Slot Support 1x SATA 2.5in slot for SSD/HDD Support	
Wireless Network	Intel® Wi-Fi 6E AX211, 2x2, and Bluetooth® 5.3 (BT version depends on OS support)	Intel® Wi-Fi 6E AX211, 2x2, and Bluetooth® 5.3 (BT version depends on OS support)	
LAN	2.5G Ethernet, 10/100/1000/2500 Mbps	2.5G Ethernet, 10/100/1000/2500 Mbps	
Front I/O Ports	1 x USB 3.2 Gen2x2 Type-C, 2 x USB 3.2 Gen2 Type-A, 1 x Kensington Lock		
Rear I/O Ports	2 x Thunderbolt 4 Type-C w/ DisplayPort 1.4, 1 x USB 3.2 Gen 2 Type-A, 1 x USB 2.0 Type-A, 2 x HDMI 2.1 (TMDS), 1 x RJ45 LAN, 1 x DC-in		
Dimension	Tall: 117mm x 112mm x 54mm , Slim: 117mm x 112mm x 37mm		
Weight	Tall: 750g , Slim: 600g		
Power Supply	120W Power Adapter (U5/U7), 90W Power Adapted (C3)		
Accessories	AC Adapter + Power Cord, Warranty Card, Quick Start Guide, VESA Mount Plate		
Available SKUs	Mini PC Kits Boards		

NUC 14 Essential

Efficient Performance. Smart Savings

- Energy-efficient performance with low-power N-series processors
- Supports triple 4K displays for effortless multitasking
- Easy access design for memory and storage upgrades



VESA
Mount
Design



The ASUS NUC 14 Essential is a power-efficient mini PC powered by Intel® Core™ N-Series processors. With support for triple 4K displays and an easy-access design, it's the perfect solution for education and office tasks.

DDR5 4800
SO-DIMM

M.2 2280
NVMe Support

Intel® Core™
N-Series Processor
(Formerly codenamed Twin Lake)



Intel® Graphics

Higher Graphics performance
in 6W SKUs



Easy
Access
Design



WiFi 6E

Up to
Triple 4K
Displays

2.5 G
Ethernet

Bluetooth® 5.3



1. Power button
2. USB 3.2 Gen 2
3. USB 3.2 Gen 2
4. Audio jack



5. USB 3.2 Gen 2
6. 2.5G Ethernet
7. USB2.0
8. DisplayPort 1.4

9. USB 3.2 Gen 2 with DisplayPort 1.4
10. HDMI 2.1
11. DC-in



NUC 14 Essential Mini PC

NUC 14 Essential Kit

NUC 14 Essential Board

Operating System Support	Windows 11 64-bit	Windows 11 64-bit Ubuntu 24.04 LTS 64-bit RedHat Enterprise Linux 64-bit	Windows 11 64-bit Ubuntu 24.04 LTS 64-bit RedHat Enterprise Linux 64-bit
CPU	Intel® Processor N150, TDP 6W Intel® Processor N250, TDP 6W Intel® Processor Core™ 3 N355, TDP 15W Intel® Processor N97, TDP 12W	Intel® Processor N150, TDP 6W Intel® Processor N250, TDP 6W Intel® Processor Core™ 3 N355, TDP 15W Intel® Processor N97, TDP 12W	Intel® Processor N150, TDP 6W Intel® Processor N250, TDP 6W Intel® Processor Core™ 3 N355, TDP 15W Intel® Processor N97, TDP 12W
Chipset	Integrated	Integrated	Integrated
Graphics	Intel® UHD Graphics (N97) Intel® Graphics (N150, N250, N355)	Intel® UHD Graphics (N97) Intel® Graphics (N150, N250, N355)	Intel® UHD Graphics (N97) Intel® Graphics (N150, N250, N355)
Memory	1 x SO-DIMM, Up to DDR5-4800, 16GB*1	1 x SO-DIMM, Up to DDR5-4800, 16GB*1	1 x SO-DIMM, Up to DDR5-4800, 16GB*1
Storage	1 x M.2 2280/2242 PCIe Gen3x4, supports 128GB~2TB NVMe or SATA SSD	1 x M.2 2280/2242 PCIe Gen3x4, supports 128GB~2TB NVMe or SATA SSD	1 x M.2 2280/2242 PCIe Gen3x4, supports 128GB~2TB NVMe or SATA SSD
Wireless Network	Intel® Wi-Fi 6E AX211 (Gig+), Bluetooth® 5.3	Intel® Wi-Fi 6E AX211 (Gig+), Bluetooth® 5.3	None
LAN	1 x Realtek Ethernet Controller RTL8125BG-CG, 2.5G	1 x Realtek Ethernet Controller RTL8125BG-CG, 2.5G	1 x Realtek Ethernet Controller RTL8125BG-CG, 2.5G
Audio	Realtek ALC3251	Realtek ALC3251	Realtek ALC3251
TPM	fTPM or TPM 2.0 chip	fTPM or TPM 2.0 chip	fTPM or TPM 2.0 chip
HDMI CEC	Yes	Yes	Yes
Front I/O Ports	1 x USB 3.2 Gen2 Type-C 2 x USB 3.2 Gen2 Type-A 1 x 3.5mm Headset Jack	1 x USB 3.2 Gen2 Type-C 2 x USB 3.2 Gen2 Type-A 1 x 3.5mm Headset Jack	1 x USB 3.2 Gen2 Type-C 2 x USB 3.2 Gen2 Type-A 1 x 3.5mm Headset Jack
Back I/O Ports	1 x USB 3.2 Gen2 Type-C w/ DisplayPort1.4 2 x USB 3.2 Gen 2 Type-A 1 x USB 2.0 Type-A 1 x HDMI 2.1 (TMDS) 1 x DisplayPort 1.4 1 x RJ45 LAN 1 x DC-in	1 x USB 3.2 Gen2 Type-C w/ DisplayPort1.4 2 x USB 3.2 Gen 2 Type-A 1 x USB 2.0 Type-A 1 x HDMI 2.1 (TMDS) 1 x DisplayPort 1.4 1 x RJ45 LAN 1 x DC-in	1 x USB 3.2 Gen2 Type-C w/ DisplayPort1.4 2 x USB 3.2 Gen 2 Type-A 1 x USB 2.0 Type-A 1 x HDMI 2.1 (TMDS) 1 x DisplayPort 1.4 1 x RJ45 LAN 1 x DC-in
Side I/O Ports	1 x Kensington Lock	1 x Kensington Lock	1 x Kensington Lock
Power Supply	19VDC, 3.42A, 65W Power Adapter	19VDC, 3.42A, 65W Power Adapter	19VDC, 3.42A, 65W Power Adapter
Dimensions	135mm x 115mm x 36mm	135mm x 115mm x 36mm	121.6mm x 108mm x 24.64mm
Weights	480g (0.48kg)	470g (0.47kg)	182.4g (0.18kg)
Accessories	AC Adapter + Power Cord ² VESA Bracket and Screws Safety/Caution/Regulatory Insert Warranty Card	AC Adapter + Power Cord ² VESA Bracket and Screws Safety/Caution/Regulatory Insert Warranty Card	Warranty Card Safety/Caution/Regulatory Insert



NUC 15 Performance

Power Ahead. Maximize Efficiency

- **Next Level Performance:** Equipped with Intel® Core™ Ultra 9 275HX.
- **AI Powered Graphics:** NVIDIA® GeForce RTX™ 5070 and 5060 graphics.
- **Ultra Smooth Streaming:** Intel® Killer™ Wi-Fi 7
- **Flexible Expandability:** Thumb screw design, tool free for a simple and convenient experience.
- **QuietFlow Cooling:** Advanced three fan system



Intel® Core™
Ultra 9 275HX

Ultra 7 255HX (Series 2)



Intel® Killer™
WiFi 7

Download a 15GB file
in just 25 seconds





DDR5

Up to **96 GB** 6400 MHz

M.2 22x80
NVMe Support

Quiet Fow
Cooling

Three fans & dual Vapor Chamber



Bluetooth® 5.4

Nvidia® GeForce
RTX™
5070 & 5060 Laptop CPU



Powering Advanced AI



THUNDERBOLT™

Five Display

Dual HDMI 2.1 FRL 12Gb
Dual DP 2.1 UHBR20/13.5/10Gb
One Thunderbolt 4 support monitor up to 8K@60Hz

Six USB 3.2
Gen2 ports



 NUC 15 Performance	
Operating System Support	Microsoft Windows 11 64-bit
CPU	15th Generation 55W Processor Intel® Core™ Ultra 9 275-HX processor 8P+ 16E + 4Xe, up to 5.4GHz Turbo Boost Max, 30MB Intel® Smart cache & Intel® Core™ Ultra 7 255-HX processor 8P + 12E + 4Xe, up to 5.2GHz Turbo Boost Max, 30MB Intel® Smart cache
GPU	Discrete: NVIDIA® GeForce RTX™ 5070 W/ 8GB GDDR7 VRAM Integrated: Intel® Graphics, up to 1.9 GHz & NVIDIA® GeForce RTX™ 5060 W/ 8GB GDDR7 VRAM Integrated: Intel® Graphics, up to 1.85 GHz
Memory	Dual-channel DDR5 SODIMM slots (*DDR5-6400-CSODIMM) 1.1V, 96GB max
Storage	Two M.2 22x80 SSD NVMe slots* (One PCIe x4 Gen 4, One PCIe x4 Gen5) (Tool-less mount)
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	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
Wireless	Intel® Killer™ Wi-Fi 7 BE1750x, 802.11be, up to 5.8 Gbps w/ 2x2, 320 MHz, 4K QAM + Bluetooth® 5.4 (Key-E M.2 Slot) Intel® Ethernet Controller E3100G, 2.5G
LAN	Intel® Ethernet Controller E3100G, 2.5G
Audio	3.5mm front stereo headset jack Vertical Stand
AC Adapter	330 W External Power Adaptor
Power Supply	Power Adapter Meets DOE Level VI, efficiency > 88% 19.5VDC, 16.9A, 330W Power Adapter
Orientation	Vertical only with integrated base
Dimension	282.4mm x 187.7mm x 56.5mm (bottom: 146mm)

ROG NUC (2025)

GAMING REDEFINED: POWER MEETS PRECISION

ROG NUC (2025) embodies the ROG For Those Who Dare spirit, pushing the boundaries of intensive graphics processing, in a compact form factor. The latest ROG NUC (2025) boasts powerful chipsets and graphics processing capabilities for lag-free streaming, editing, and gaming. Three fans plus dual vapor chambers ensure silent cooling, while extensive connectivity options including Intel® Killer™ Wi-Fi 7 ensure smooth online gaming experiences.



Hardcore Gaming Power

Intel® Core™ Ultra processors (Series 2) ARL-HX



ROG NUC (2025) is engineered to deliver exceptional responsiveness and efficiency during intense gaming sessions, harnessing the prowess of Intel® Core™ Ultra processors' three AI engines – GPU, NPU, and CPU – for high throughput, low power, and fast response.

NVIDIA® GeForce RTX™ 50 Series Laptop GPU



Featuring Nvidia® Blackwell architecture and NVIDIA® GeForce RTX™ 50 Series Laptop GPU, ROG NUC (2025) delivers significant performance enhancements over the previous RTX 40-series. With advanced ray tracing and AI optimization, the powerful GPU ensures smooth gameplay at high settings, providing an immersive experience with realistic visuals.

Silent Cooling



Three Fans & Dual Vapor Chamber

Featuring three fans plus dual vapor chambers, ROG NUC (2025) efficiently dissipates heat, allowing users to push the limits during demanding gameplay without compromising performance.



Quiet Operation

An innovative thermal design ensures the system remains quiet (<4.5 BA) even under heavy loads.



Intelligent Thermal Management

The system automatically adjusts fan speeds based on real-time temperature and workload, ensuring that cooling power is optimized for each gaming scenario.



Enhanced Airflow Design

Chassis design has been optimized to promote effective ventilation to maintain lower internal temperatures and reduce the risk of thermal throttling.

Ultra-Responsive Connectivity

Intel® Killer™ Wi-Fi 7 and Bluetooth® 5.4 ensure fast, uninterrupted online performance for competitive gaming. Speeds of up to 46Gbps and technologies like Multi-Link Operation ensure fast downloads and uninterrupted gaming.



ROG NUC (2025)

Operating System Support	Microsoft Windows 11 Home
Display	Up to Five 4K Displays
CPU	Intel® Core™ Ultra 9 (Series 2) 275-HX
GPU	NVIDIA® GeForce RTX™ 5080 Laptop GPU 16GB GDDR7
Memory	Dual-channel DDR5-6400-CSODIMM 1.1V, 96GB max Intel® XMP 3.0 memory compatible
Storage	Two M.2 22x80 SSD NVMe slots* (One PCIe x4 Gen 4, One PCIe x4 Gen5) Toolless Mount
Front I/O Ports	2 x USB 3.2 Gen2 Type-A 1 x USB Gen 3.2 Type C1x 3.5mm Headset Jack
Back I/O Ports	One Thunderbolt™ 4 / USB4 Type-C port with DP 2.1 and (5V@3A / 5V@1.5A / 9V@2A / 12V@1.5A) fast charging profiles 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
Wireless	Intel® Killer™ Wi-Fi 7 AX1750x, 802.11be, up to 5.8 Gbps w/ 2x2, 320 MHz, 4K QAM + Bluetooth® 5.4 (Key-E M.2 Slot)
LAN	Intel® 2.5 Gb Ethernet port
Audio	3.5mm front stereo headset jack Up to 7.1 multichannel digital audio via HDMI or DisplayPort signals
AC Adapter	19.5VDC 330W power supply
Chassis	ARGB lighting with ROG Armoury Crate w/ Aura sync software Vertical stand integrated
Important Specs	Tool less chassis with metal inner frame Kensington* lock with base security
Dimension	282.4mm x 187.7mm x 56.5mm (bottom: 146mm)

