

# NUC 14 Performance



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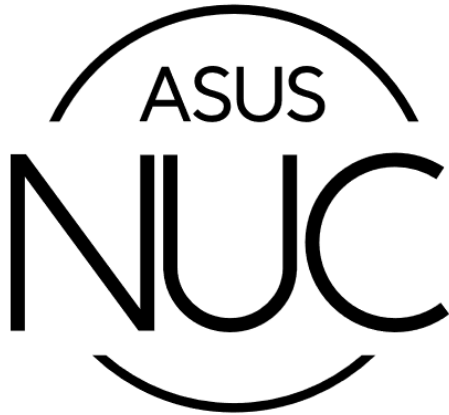
Key Selling Points

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# Commitment to Tech Excellence

Why NUC



The ASUS NUC brand represents a commitment to technological excellence, prioritizing innovative product design, to push the boundaries of performance and user experience.

Developed through a partnership between ASUS and Intel, the ASUS NUC product lines anchor on delivering uncompromised performance in the smallest form factors, backed by industry best quality and reliability, innovative modular designs, extended lifespan options, smart cooling solutions, and advanced AI capabilities. The versatility of the products shines through an array of configurations catering to diverse user needs, from developers, to power users, to casual home use.

Positioned as the preferred choice for a variety of business applications, vertical industries, and everyday users, the ASUS NUC combines exceptional performance with essential features, aiming to shape the next generation of PC experiences.

With a focus on supporting diverse businesses and enhancing PC applications, the ASUS NUC aspires to deliver on the brand promise of delivering the Next Unit of Compute (NUC) and make a lasting impact in the ever-evolving tech landscape.

## NUC 14 Performance

### Level Up. Embrace intelligence.

Experience the ASUS NUC 14 Performance, a compact powerhouse where efficiency meets raw power. With Intel® Core™ Ultra 9/7 processors and NVIDIA® GeForce RTX™ 4070 and 4060 graphics, it revolutionizes productivity. Enjoy flawless connectivity and lightning-fast response in its sleek design. Take your computing to new heights with the ASUS NUC 14 Performance. Upgrade your enterprise effortlessly.

**Intel® Core™  
Ultra**

Ultra 9 & Ultra 7



**NVIDIA® GeForce**

RTX™ 4070 and RTX™ 4060

**DDR5**

Up to 64 GB 4400 MHz

# Target Market

Built for Business



## AI SMB

- Small-sized Enterprise
- Medium-sized Business

## Super Retail

- Advanced Digital Signage
- AR/VR type Kiosk

## STEM Education

- Science Classroom
- Cloud Learning

## Media SoHo

- Motion Capture Studio
- Sound Lab

# Why NUC 14 Performance?

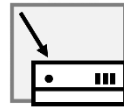


## Extreme Performance



With Intel® Core™ Ultra 9/7 CPUs and NVIDIA® GeForce RTX™ 4070/4060 GPUs, ASUS NUC 14 performance excels in high-end tasks within a compact form factor.

## Compact Powerhouse



Small yet potent, ASUS NUC 14 Performance packs top-tier tech, ideal for space-limited setups, redefining efficiency in size.

## Forward-thinking, AI prepared.



Explicitly designed for AI computing, it boasts multi-screen support and Bluetooth connectivity, perfectly catering to the challenges of the next generation.

## Built for Gen. Multi



ASUS NUC 14 Performance adapts easily, offering flexible expandability and business upgrades, ensuring it stays current with evolving commercial needs.



# Gen Multi

Multi Screens, Multi Device, Multi Clouds, Multi tasks and Multi Goals to conquer



## Profile

- 25-55 Urban / College graduate
- 25% + household income
- White collar: Office Staff, Programmer, Lawyer, MarTech, FinTecn experts

## Preference

- Trustworthy Dealing progress
- Latest Hardware and Software
- VVIP service and support

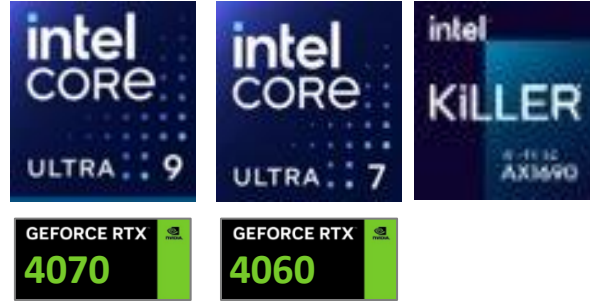
## Place

- #NA #APAC
- Flexible seat in new Office
- Home office
- Partner's Studio / Shared office
- Lab / Airport Lounge

## Personal Interest

- Tech news, Trend, Learning
- Investment
- Health, Fitness and Sport
- Social, Video recording

# NUC 14 Performance



## Highlight

- **Performance:** Achieve top-tier Intel® Core™ Ultra 9 performance with our mini-PC, surpassing all expectations.
- **Speed:** NVIDIA® GeForce RTX™ 4070 and RTX™ 4060 Discrete Graphics are beyond fast for business productivity.
- **Five 4K Display:** Efficiently control and manage your calendar, meetings, cloud files, and emails without compromising productivity.
- **Flexible:** The stand provides better versatility in various placement options, making it easier to plug and unplug cables.
- **AI Ready:** Exploits the prowess of Intel® Core™ Ultra processors' three AI engines – GPU, NPU, and CPU – for high throughput, low power, and Quick reaction

## Spec

- 14th Gen Intel® Core™ Ultra 9 & Ultra 7 Processor
- NVIDIA® GeForce RTX™ 4070 and RTX™ 4060 Discrete Graphics
- Up to Dual-channel DDR5-5600 SODIMM slots, 1.1V, 64GB max
- Three M.2 22x80 PCIe x4 Gen4 NVMe SSD slots
- Intel® Killer™ Wi-Fi 6E AX1690i and Bluetooth® 5.3 / Intel® 2.5Gb Ethernet port
- 1x Thunderbolt™ 4 /USB4 Type-C port with DP 2.1 and 5V/9V/12V fast charging profiles (rear) / 1x HDMI 2.1 port / 2x DisplayPort 1.4a ports
- 4x USB 3.2 Gen2 ports (2 front, 2 rear)
- 2x USB 2.0 ports (rear) / SD Express 8.0 Card Reader



# Intel® Core™ Ultra Processors



## Lead AI at Scale

Enable more users and ISV experiences than other vendors

## Reimaged Efficiency

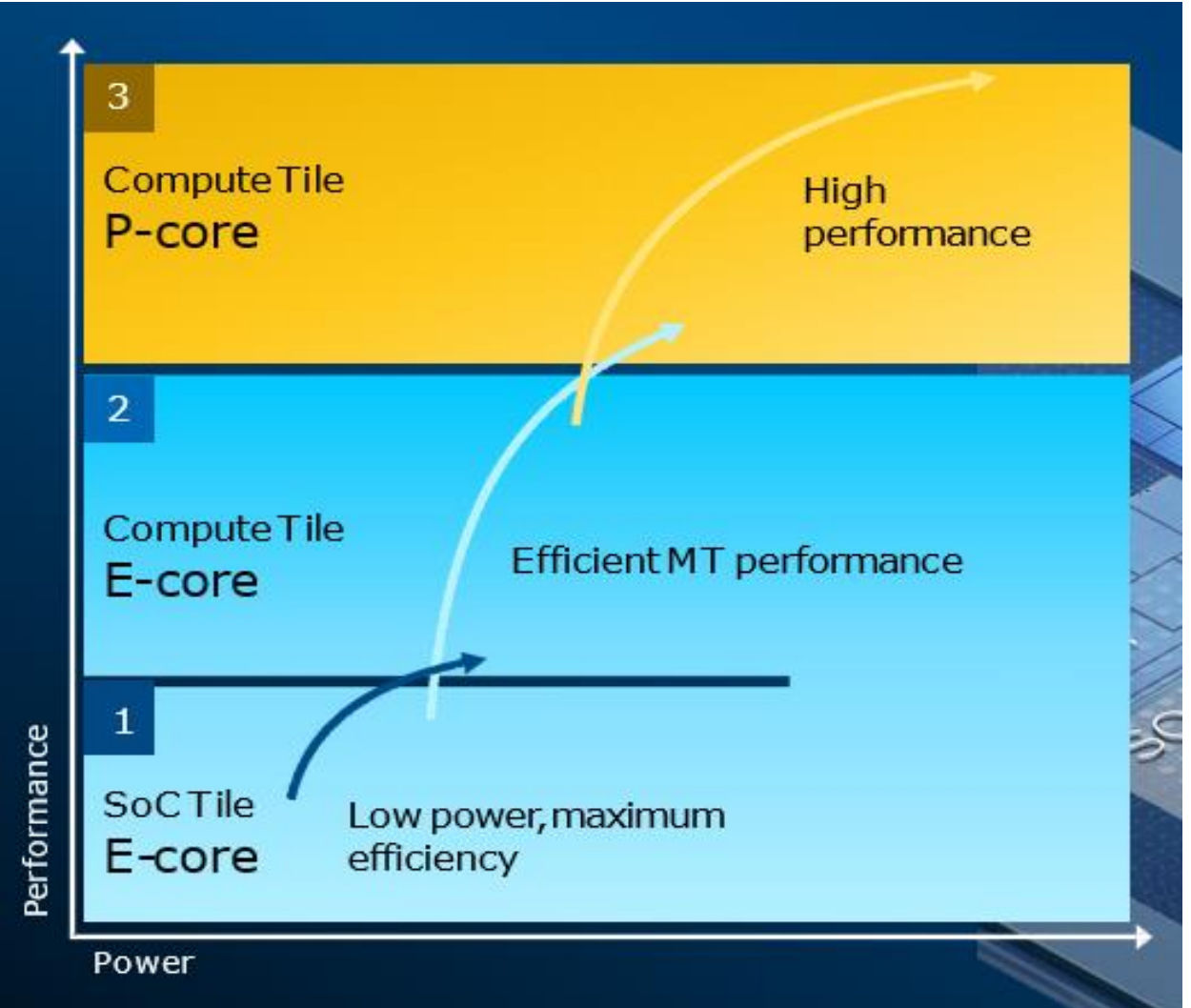
The most power-efficient client processor in history

## Launch Intel 4 Process

New P- and E-cores with landmark chip packaging



Fast Promotion to Compute Tiles for Performance and Responsiveness  
Background Task on E-cores for Efficiency and Battery Life



# NVIDIA® GeForce RTX™ 40 Series

GEFORCE RTX™

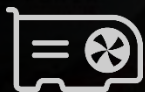
4070

GEFORCE RTX™

4060

## SUPER Fast. SUPER Powered

- **NVIDIA Ada Lovelace Streaming Multiprocessors:** Up to 2X performance and power efficiency
- **4th Generation Tensor Cores:** Up to 4X performance with DLSS 3 vs. brute-force rendering
- **3rd Generation RT Cores:** Up to 2X ray tracing performance



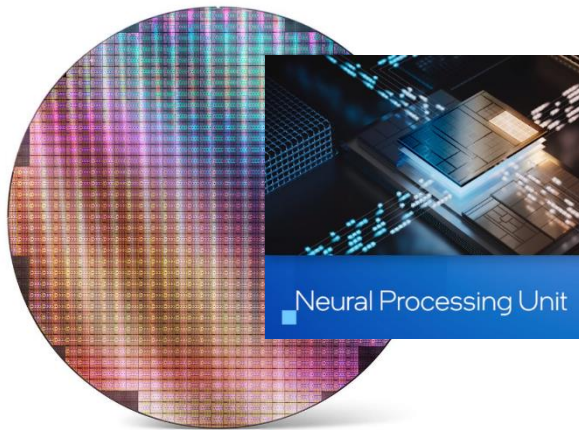
### **GeForce RTX 40 Series:**

NVIDIA® GeForce RTX™ 40 Series GPUs are beyond fast for gamers and creators. They're powered by the ultra-efficient NVIDIA Ada Lovelace architecture which delivers a quantum leap in both performance and AI-powered graphics. Experience lifelike virtual worlds with ray tracing and ultra-high FPS gaming with the lowest latency. Discover revolutionary new ways to create and unprecedented workflow acceleration.



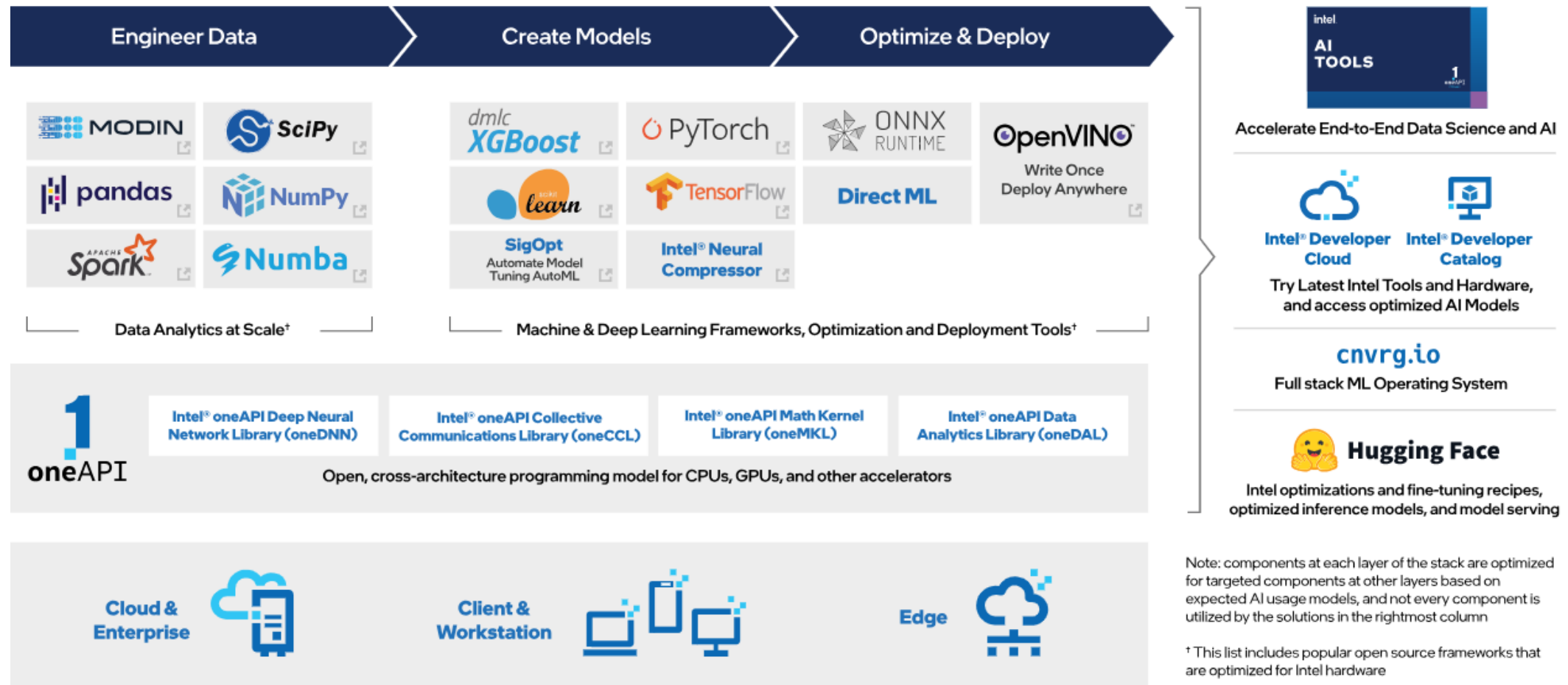
# AI Readiness

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



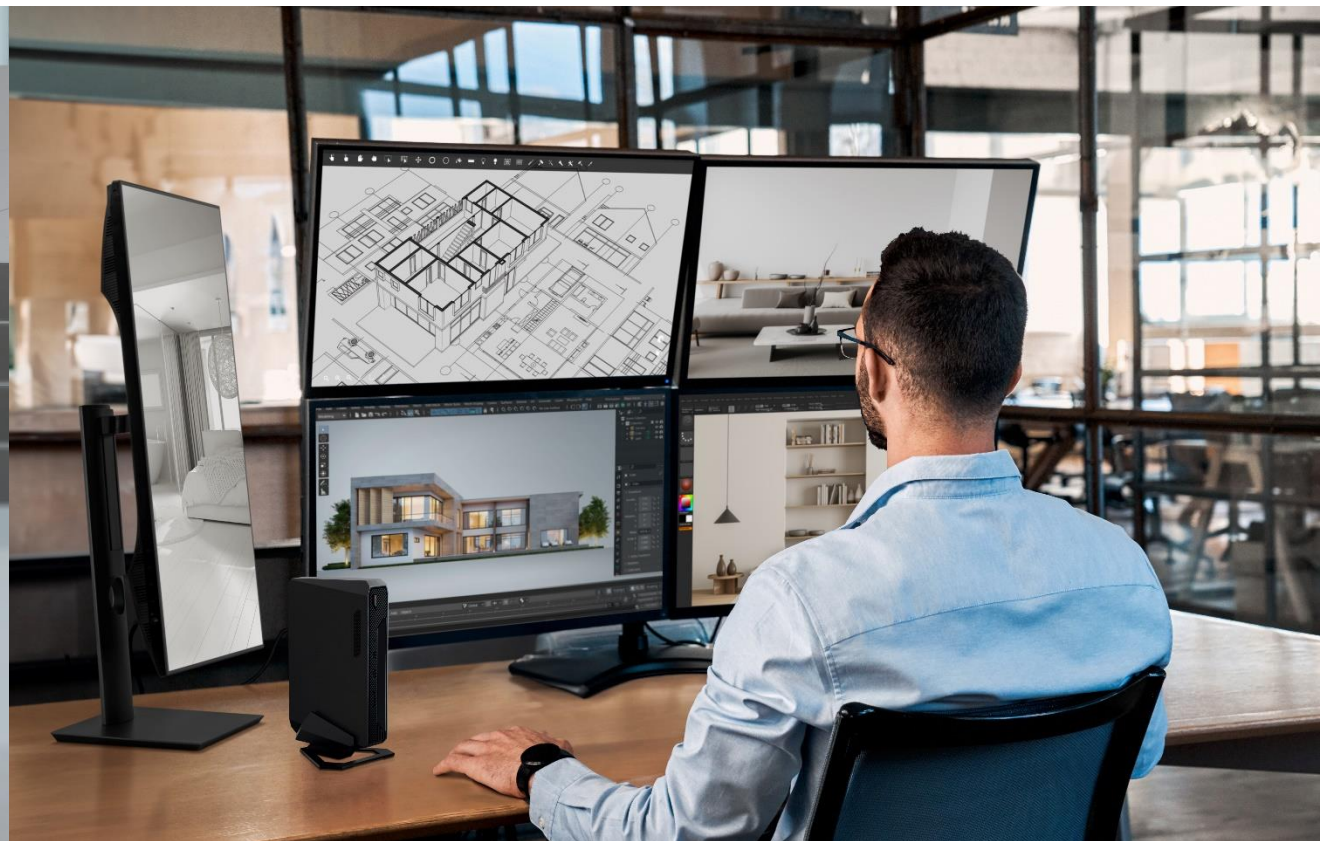
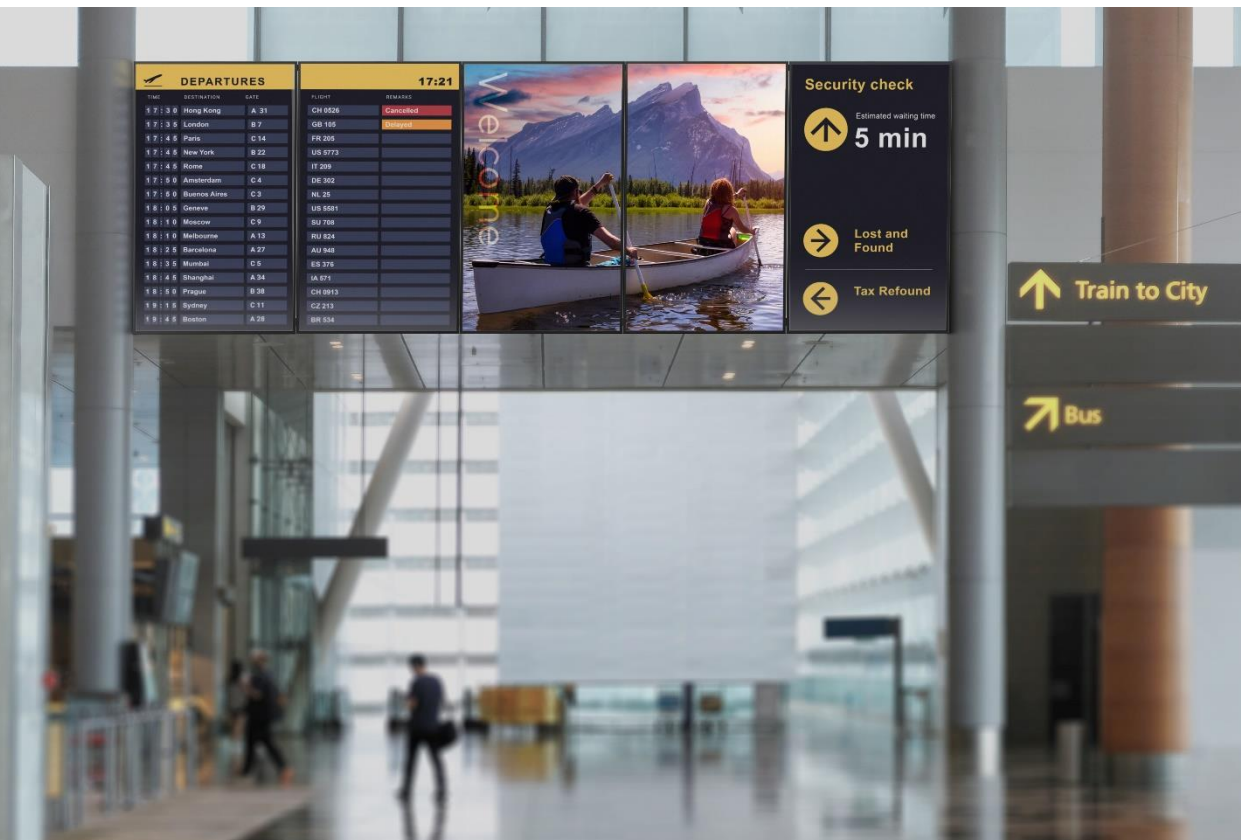
Source: [Intel® Core™ Ultra Processors](#)

# AI & Machine Learning for Better Business

Source: [Intel® AI Tool](#)

Multi Display Connection

# Supports Up to Five\* 4K Displays

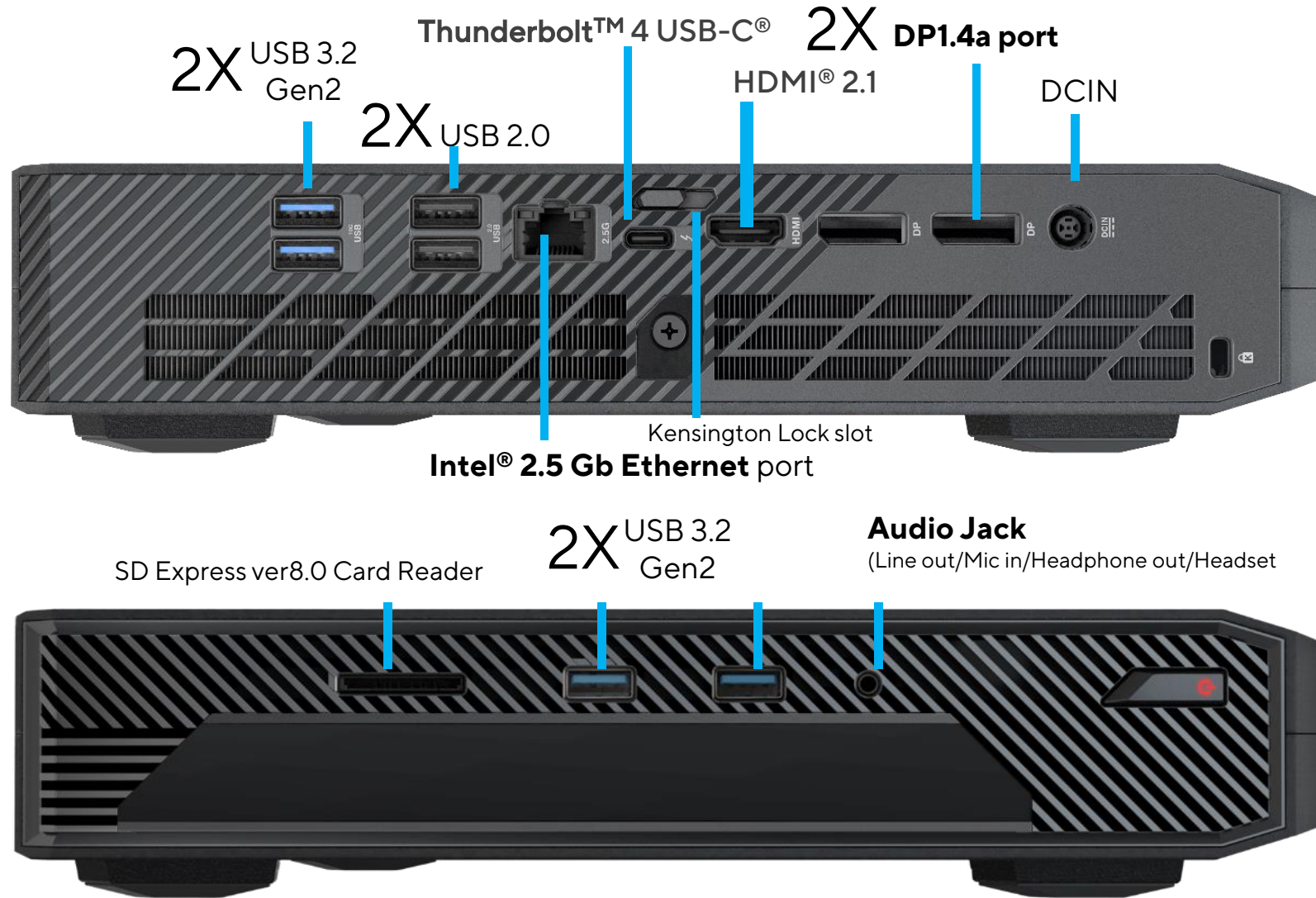


\*Connect two monitors via optional Thunderbolt cable.

ASUS NUC 14 Performance supports up to five displays via HDMI® 2.1, DisplayPort™ 1.4a (two ports), Thunderbolt™ 4, and USB. This setup is ideal for AI developers, fintech leaders, lab experts, and business elites running multiple real-time programs for efficient multitasking.



# I/O Ports





# Spec



## Intel Core™ Ultra 9 185H

Up to 5.1 GHz Turbo Boost Max, 6P+8E+2LPE, 22 threads, 24MB

Intel® Smart Cache

Intel® Arc™ Graphics, up to 2.35 GHz

**NVIDIA® GeForce RTX™ 4070**, 8GB GDDR6 VRAM



## Intel® Core™ Ultra 7 155H

Up to 4.8 GHz Turbo Boost Max, 6P+8E+2LPE, 22 threads, 24MB

Intel® Smart Cache

Intel® Arc™ Graphics, up to 2.25 GHz

**NVIDIA® GeForce RTX™ 4060**, 8GB GDDR6 VRAM



- **NVIDIA® GeForce RTX™ 4070 and 4060 Discrete Graphics**
  - One HDMI 2.1 port
  - Two DisplayPort 1.4a ports
- **Dual-channel DDR5-5600 SODIMM slots**, 1.1V, with support for up to **64GB** max
- **Three M.2 22x80** PCIe x4 Gen4 NVMe SSD slots
- **One Thunderbolt™ 4 / USB4** Type-C port with DP 2.1 and **5V/9V/12V** fast charging profiles
- **One Intel® 2.5 Gb Ethernet** port
- **Intel® Killer™ Wi-Fi 6E AX1690i**, 802.11ax 2x2 **3.0 Gbps** w/ 6GHz & **DCT + Bluetooth® 5.3**
- **Four USB 3.2 Gen2** and two USB 2.0 Type-A ports
- **SD Express ver8.0 Card Reader** (UHS-I support)
- Up to 7.1 multichannel digital audio via HDMI or DisplayPort signals
- 3.5mm front stereo headset jack
- **180mm x 270mm x 50mm (2.5L volume)**
- 19.5V<sub>DC</sub> 330W power supply
- Compatible with Microsoft Windows\* 11 logo'd and select Linux distributions
- **Quick System Integration**
- Personalize and optimize your PC experience, diagnose hardware issues and contact ASUS customer support with **MyASUS software**
- **Vertical stand included**
- Individual retail packaging

Available  
SKUs



Mini PC



Kit



Chassis



Board



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CONFIDENTIAL AND PROPRIETARY INFORMATION

# Gen to Gen Comparison

	Intel® NUC 12 Enthusiast (Serpent Canyon)	ASUS NUC 14 Performance (Scorpion Canyon L6)
CPU	12th Generation 45W processor Intel® Core™ i7-12700H processor 6P + 8E cores / 20t, up to 4.7GHz Turbo Boost Max, 24MB Intel® Smart cache	<b>14<sup>th</sup> Generation 45W Processor</b> <b>Intel® Core™ Ultra 9 185H and 7 155H processor 6P + 8E + 2LPE cores /22t,</b> up to <b>5.1GHz</b> Turbo Boost Max, 24MB Intel® Smart cache
Graphics	Intel® Arc™ Graphics A770M w/ 16GB GDDR6 VRAM	<b>Discrete: NVIDIA® GeForce RTX™ 4070 and 4060 W/ 8GB GDDR6 VRAM</b> Integrated: Intel® Arc™ Graphics, up to 2.35GHz
Memory	Dual-channel DDR4-3200MHz SODIMMs, 64GB max	Dual-channel <b>DDR5-5600MHz</b> SODIMMs, 64GB max
Storage	Two M.2 22x80 PCIe x4 Gen4 NVMe One M.2 22x80 PCIe x4 Gen3 NVMe or SATA3 SSD	Three M.2 22x80 PCIe x4 Gen4 NVMe <b>(Tool-less mount)</b>
Networking	Intel® Killer™ Wi-Fi 6E AX1690i 3.0Gbps + Bluetooth® 5.2 Intel 2.5Gb (i225-LM) ethernet port	Intel® Killer™ Wi-Fi 6E AX1690i 3.0Gbps + Bluetooth® <b>5.3</b> Intel 2.5Gb ( <b>i226-V</b> ) ethernet port
Connectivity	Two Thunderbolt™ 4 ports One HDMI 2.1 TMDS Compatible connector, Two DP 2.0 (1.4 cert) connectors Six USB 3.2 Gen2 ports	One Thunderbolt™ 4 / USB4 Type-C port (rear) <b>One HDMI 2.1 port (rear)</b> Two DP 1.4a ports (rear) Four USB 3.2 Gen2 ports (2 front / 2 rear) Two USB 2.0 ports (rear)
Other	Up to 7.1 multi-channel digital audio 3.5mm rear speaker / TOSLINK combo jack 3.5mm front stereo headset jack SD Express 7.0 Card Reader Backlit logo plate on top panel	3.5mm front stereo headset jack <b>SD Express 8.0 Card Reader</b> Vertical Stand
Power	330 W External Power Adaptor	330 W External Power Adaptor
Size	230 x 180 x 59.5 mm (~2.5L)	270 X 180 X <b>50</b> mm (~2.5L)
Warranty	Three-year Warranty	Three-year Warranty

# Comparison with ZOTAC MAGNUS EN173070C

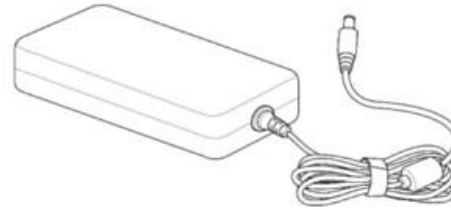
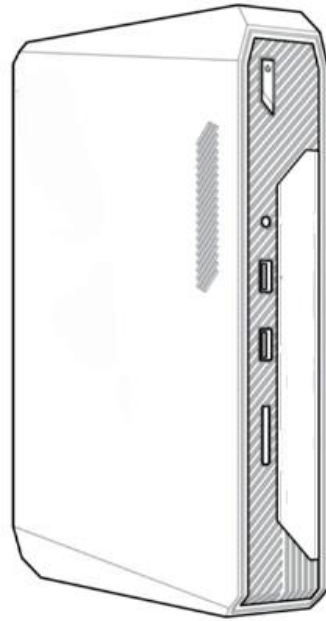


	ZOTAC MAGNUS EN173070C	NUC 14 Performance 970/760
CPU	Intel® Core™ i7-13700HX processor (55W)	Intel® Core™ Ultra 9 185H and 7 155H processor (45W)
Graphics	NVIDIA® GeForce RTX™ 4070 W/ 8GB GDDR6 VRAM, up to 115W	NVIDIA® GeForce RTX™ 4070 and 4060 w/ 8GB GDDR6 VRAM, <b>up to 140W</b>
Memory	Dual-channel DDR4-4800MHz SODIMIMs, 64GB max	<b>Dual-channel DDR5-5600MHz SODIMMs, 64GB max</b>
Storage	Two M.2 PCIe Gen4 x4 slots	<b>3x M.2 22x80 PCIe x4 Gen4 NVMe (Tool-less mount)</b>
Networking	Intel® Killer WiFi 6 + Bluetooth 5.2 Dual LAN (2.5GbE)	<b>Intel® Killer™ Wi-Fi 6E AX1690i 3.0Gbps + Bluetooth® 5.3</b> Intel 2.5Gb (i226-V) Ethernet Port
Connectivity	One Thunderbolt™ 4 Port One HDMI Port Two DP 1.4a Ports Five USB 3.1 Gen2 Ports	One Thunderbolt™ 4 / USB4 Type-C Port One HDMI 2.1 Port Two DP 1.4a Ports <b>Four USB 3.2 Gen2 Ports</b> Two USB 2.0 Ports
Other	Front stereo headset and mic jack SDXC Card Reader (UHS-II)	3.5mm front stereo headset jack SD Express 8.0 Card Reader Vertical Stand
Power	330W External Power Adapter	330 W External Power Adapter
Size	210 X 203 X 62.2 mm (~2.7L)	<b>270 X 180 X 50 mm (~2.5L)</b>
Warranty	Two-year Warranty	<b>Three-year Warranty</b>

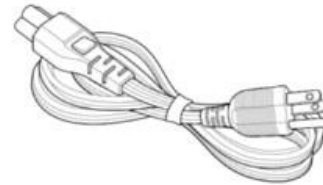
# What's In the Box?

## ASUS NUC 14 Performance

System  
180mm x 270mm x 50mm (2.5L volume)



Power Adapter  
19.5V DC 330W power supply

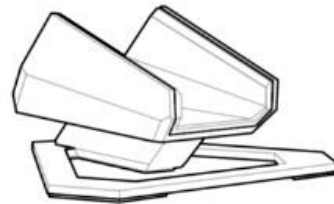


Power Cord\*  
\* Refer to SKU listings for available product configurations and cord options



Blank Logo Mask  
for customization

Vertical Stand



Inserts

# Maximum Support, Minimal Effort

Minimize downtime by leveraging ASUS scale and skills. Gain efficiency through door-to-door service to reach highly trained experts. Power-manage all your assets with tailor-made service package for all your support needs.



## Comprehensive 24x7 support

24x7 priority access to hardware and software experts<sup>1</sup>



## Three-year International Warranty

100% free of charge, with no hidden costs. Covers over 50 countries<sup>1</sup>



## Pick Up & Return Service

Enjoy a door-to-door service including pick up, repair and return of supported hardware<sup>1</sup>



## Onsite Service

Our IT technicians can come to your premises, so there's no need to leave your business<sup>1</sup>



## MyASUS app

This exclusive app lets you get in touch with customer service, know your device's repair status, access product instruction manuals, etc.



## Warranty Extension

This allows customers to extend service coverage of products to match the expected length of time they will be used<sup>2</sup>



## Accidental Damage Protection (ADP)

This helps avoid repair or replacement costs due to mishaps that occur during normal operation of devices<sup>1,2</sup>



## Defective HDD Retention (DHR)

DHR allows customers to retain their malfunctioning hard drive while their defective drive is replaced<sup>1,2</sup>

1. Service and warranty coverage may vary depending on country and territory. Service may not be available in all markets. We recommend that you check with your local retailers to confirm the options available.

2. Must be purchased and activated within 180 days of your ASUS product purchase date via ASUS Premium Care.

# Message

## What is the MSRP?

Please contact your local ASUS Sales or PR representative.

## When will it be available for purchase?

Q3, 2024

## Where will it be available?

Worldwide

## Top 5 Hero Features?

- **Performance:** Achieve top-tier Intel® Core™ Ultra 9 performance with our mini-PC, surpassing all expectations.
- **Speed:** NVIDIA® GeForce RTX™ 4070 and RTX™ 4060 Discrete Graphics are beyond fast for business productivity.
- **Five 4K Display:** Efficiently control and manage your calendar, meetings, cloud files, and emails without compromising productivity.
- **Flexible:** The stand provides better versatility in various placement options, making it easier to plug and unplug cables.
- **AI Ready:** Exploits the prowess of Intel® Core™ Ultra processors' three AI engines – GPU, NPU, and CPU – for high throughput, low power, and Quick reaction



# ASUS P/N

CPU	CPU2	GPU	Country Cord	Sales Model Name	ASUS P/N	Intel Product Code	UPC	EAN
Meteor Lake-H	MTL-H 28W (U7 155H)	NVIDIA GeForce RTX 4060	AU	RNUC14SRKU710004I	90AR0042-M00160	NUC14SRKU7A00R4	197105611344	4711387611340
			CN	RNUC14SRKU710006I	90AR0042-M001J0	NUC14SRKU7A00R6	197105611450	4711387611456
			EU	RNUC14SRKU710002I	90AR0042-M00150	NUC14SRKU7A00R2	197105611337	4711387611333
			JP	RNUC14SRKU71000JI	90AR0042-M00180	NUC14SRKU7A00RJ	197105611368	4711387611364
			No Cord	RNUC14SRKU710000I	90AR0042-M00130	NUC14SRKU7A00R0	197105611313	4711387611319
			TW	RNUC14SRKU710009I	90AR0042-M00170	NUC14SRKU7A00R9	197105611351	4711387611357
			US	RNUC14SRKU710001I	90AR0042-M00140	NUC14SRKU7A00R1	197105611320	4711387611326
			US only	RNUC14SRKU71000UI	90AR0042-M00190	NUC14SRKU7A00RU	197105611375	4711387611371
	MTL-H 45W (U9 185H)	NVIDIA GeForce RTX 4070	AU	RNUC14SRKU910004I	90AR0042-M001C0	NUC14SRKU9B00R4	197105611405	4711387611401
			CN	RNUC14SRKU910006I	90AR0042-M001H0	NUC14SRKU9B00R6	197105611443	4711387611449
			EU	RNUC14SRKU910002I	90AR0042-M001B0	NUC14SRKU9B00R2	197105611399	4711387611395
			JP	RNUC14SRKU91000JI	90AR0042-M001E0	NUC14SRKU9B00RJ	197105611429	4711387611425
			No Cord	RNUC14SRKU910000I	90AR0042-M001K0	NUC14SRKU9B00R0	197105611467	4711387611463
			TW	RNUC14SRKU910009I	90AR0042-M001D0	NUC14SRKU9B00R9	197105611412	4711387611418
			US	RNUC14SRKU910001I	90AR0042-M001A0	NUC14SRKU9B00R1	197105611382	4711387611388
			US only	RNUC14SRKU91000UI	90AR0042-M001F0	NUC14SRKU9B00RU	197105611436	4711387611432



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# Thank You!

