

ASUS NUC 15 PRO

Best Compact Choice for the AI-Driven Future.



red dot award

Introducing the ASUS NUC 15 Pro—where intelligent design meets unparalleled performance. Its compact form factor is engineered for versatility, making it ideal for a variety of development scenarios, from AI model training to data visualization. Powered by the latest Gen Intel® Core™ Ultra processors, DDR5 6400 MHz memory, and Intel® Arc GPU, it delivers exceptional speed and efficiency. Experience lightning-fast connectivity and seamless collaboration with cutting-edge Wi-Fi 7. Elevate your workflow and adapt to any environment with the NUC 15 Pro—your compact powerhouse for innovation.

Key Selling Points

AI-Optimized Power: Features the Latest Gen Intel® Core™ Ultra Series 2 CPU, Up to 99 Platform TOPS, optimized for a wide range of workloads delivering up to 18% gen/gen performance

Superior Connectivity: Features Intel® Wi-Fi 7 with up to 2.4X faster transfer rates, Wi-Fi Proximity Sensing, and certified Bluetooth® for enhanced audio quality and seamless connections.

Robust Security: Robust Security: With Intel® vPro™ on Arrow Lake architecture, offering faster threat detection and fTPM 2.0 for stronger data protection.

Integrated & Expandable: Compact 0.48L design with a tool-less 2.0 chassis for quick upgrades, offering 6X faster integration gen/gen.

Exceptional Display Potential: Connect to four 4K displays via HDMI 2.1 and Thunderbolt™ 4, with headless emulation. New sync power-off feature automatically shuts the screen for better energy efficiency

Reliable & Sustainable: Features 24/7 reliability with rigorous torture testing and MIL-STD-810H certification, ensuring durability in extreme conditions. The advanced cooling system enhances reliability by maintaining optimal performance, and eco-friendly packaging reflects a commitment to sustainability.

Audience:

- Small and Medium Business Enterprises
- Retail
- Education
- Collaboration
- Remote Workers

Target Usages:

- Traditional and Smart Classrooms
- Communication File Sharing/ Virtual Meetings
- Daily Tasks/ Entertainment
- Digital Signage / Kiosk / POS

ASUS NUC 15 PRO

Mini-PC Specifications



Slim



Tall

Project Code	NUC15CRH							
CPU	Intel® Core™ Ultra 7 265H (vPro), cTDP 40W	Intel® Core™ Ultra 7 255H, cTDP 40W	Intel® Core™ Ultra 5 235H (vPro), cTDP 40W	Intel® Core™ Ultra 5 225H, cTDP 40W	Intel® Core™ 7 Processor 240H, cTDP 40W	Intel® Core™ 5 Processor 210H, cTDP 40W	Intel® Core™ 5 Processor 120U, cTDP 25W	Intel® Core™ 3 Processor 100U, cTDP 25W
Chipset	Integrated							
Graphics	Intel® Arc™ 140T GPU ¹			Intel® Arc™ 130T GPU ¹	Intel® Graphics			
Memory	2 x SO-DIMM, Up to DDR5-5600, 48GB*2 OR 2 x CSO-DIMM, Up to DDR5-6400, 48GB*2				2 x SO-DIMM, Up to DDR5-5600, 48GB*2	2 x SO-DIMM, Up to DDR5-5200, 48GB*2		
Storage	1 x M.2 2280 PCIe Gen5x4, supports 128GB~8TB NVMe SSD 1 x M.2 2242 PCIe Gen4x4, supports 128GB~2TB NVMe SSD							
Wireless Network	Intel® Wi-Fi 7 BE201 (Gig+), Bluetooth 5.4			TPM	fTPM	ASUS & ASUS NUC Logo	Yes	
LAN	Intel® Ethernet Controller I226-LM, 2.5G			Card Reader	None	Color	Black	
Audio	No Analog Audio Support - Digital Audio ²			HDMI CEC	Yes, 2 ports on back panel	OS Support	Windows 11 Home 64-bit / Windows 11 pro 64-bit	
Front I/O Ports	1 x USB 3.2 Gen2x2 Type-C; 2 x USB 3.2 Gen2 Type-A							
Back I/O Ports	2 x Thunderbolt 4 Type-C w/ DisplayPort 2.1 1 x USB 3.2 Gen 2 Type-A 1 x USB 2.0 Type-A 2 x HDMI 2.1 (TMDS Compatible) 1 x RJ45 LAN 1 x DC-in							
Side I/O Ports	1 x Kensington Lock							
Power Supply	Power Adapter Meets DOE Level VI, efficiency >=88% ; 19VDC, 6.32A, 120W Power Adapter							
Product Dimensions (W x D x H)	Slim: 117 x 112 x 36.8 mm (4.6 x 4.4 x 1.45 inch) Tall: 117 x 112 x 54 mm (4.6 x 4.4 x 2.13 inch)				Operating Temperature		0°C - 40°C	
Product Weight	Slim: 0.51 kg (1.13 lb); Tall: 0.58 kg (1.3 lb)				Storage Temperature		-40°C to 60°C	
Box Dimensions (W x D x H)	151 x 183 x 127 mm (5.94 x 7.2 x 5 inch)				Humidity		0%-92% non-condensing ⁴	
Packaged Weight	Slim: 1.3 kg (2.86lb) Tall: 1.38 kg (3.05 lb)				Noise Level (idle mode to full load mode)		26dBA~45dBA	
Accessories	AC Adapter+Power Cord ³ ; VESA Bracket and Screws; Cable Clip; Safety/Caution/Regulatory Insert; Warranty Card							
Note	¹ Intel® Arc™ GPU requires using 2 x SO-DIMM/CSO-DIMM				¹ Up to 7.1 multichannel (or 8-channel) digital audio on HDMI and DP Type C ports			
	² Up to 7.1 multichannel (or 8-channel) digital audio on HDMI and DP Type C ports				² Power cord included is region specific, and some SKUs do not include the power cord			
	³ Power cord included is region specific, and some SKUs do not include the power cord				3 - Non-condensing Humidity defined by dew point			
	4 - Non-condensing Humidity defined by dew point							

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>

ASUS NUC 15 PRO

Kit Specifications



Slim



Tall

Project Code	NUC15CRH-B							
CPU	Intel® Core™ Ultra 7 265H (vPro), cTDP 40W	Intel® Core™ Ultra 7 255H, cTDP 40W	Intel® Core™ Ultra 5 235H (vPro), cTDP 40W	Intel® Core™ Ultra 5 225H, cTDP 40W	Intel® Core™ 7 Processor 240H, cTDP 40W	Intel® Core™ 5 Processor 210H, cTDP 40W	Intel® Core™ 5 Processor 120U, cTDP 25W	Intel® Core™ 3 Processor 100U, cTDP 25W
Chipset	Integrated							
Graphics	Intel® Arc™ 140T GPU ¹			Intel® Arc™ 130T GPU ¹	Intel® Graphics			
Memory	2 x SO-DIMM, Up to DDR5-5600, 48GB*2 OR 2 x CSO-DIMM, Up to DDR5-6400, 48GB*2				2 x SO-DIMM, Up to DDR5-5600, 48GB*2	2 x SO-DIMM, Up to DDR5-5200, 48GB*2		
Storage	1 x M.2 2280 PCIe Gen5x4, supports 128GB~8TB NVMe SSD 1 x M.2 2242 PCIe Gen4x4, supports 128GB~2TB NVMe SSD							
Wireless Network	Intel® Wi-Fi 7 BE201 (Gig+), Bluetooth 5.4			TPM	fTPM	ASUS & ASUS NUC Logo	No	
LAN	Intel® Ethernet Controller I226-LM, 2.5G			Card Reader	None	Color	Black	
Audio	No Analog Audio Support - Digital Audio ²			HDMI CEC	Yes, 2 ports on back panel	OS Support	*No OS installed at shipment Supports: Windows 11 Home 64-bit; Windows 11 Pro 64-bit; Windows 11 IoT Enterprise 64-bit; Windows 11 Pro Education; Ubuntu 24.04 LTS 64-bit; RedHat Enterprise Linux 64-bit;	
Front I/O Ports	1 x USB 3.2 Gen2x2 Type-C; 2 x USB 3.2 Gen2 Type-A							
Back I/O Ports	2 x Thunderbolt 4 Type-C w/ DisplayPort 2.1 1 x USB 3.2 Gen 2 Type-A 1 x USB 2.0 Type-A 2 x HDMI 2.1 (TMDS Compatible) 1 x RJ45 LAN 1 x DC-in							
Side I/O Ports	1 x Kensington Lock							
Power Supply	Power Adapter Meets DOE Level VI, efficiency >=88% ; 19VDC, 6.32A, 120W Power Adapter							
Product Dimensions (W x D x H)	Slim: 117 x 112 x 36.8 mm (4.6 x 4.4 x 1.45 inch) Tall: 117 x 112 x 54 mm (4.6 x 4.4 x 2.13 inch)				Operating Temperature		0°C - 40°C	
Product Weight	Slim: 0.51 kg (1.13 lb); Tall: 0.58 kg (1.3 lb)				Storage Temperature		-40°C to 60°C	
Box Dimensions (W x D x H)	151 x 183 x 127 mm (5.94 x 7.2 x 5 inch)				Humidity		0%-92% non-condensing ⁴	
Packaged Weight	Slim: 1.3 kg (2.86lb) Tall: 1.38 kg (3.05 lb)				Noise Level (idle mode to full load mode)		26dBA~45dBA	
Accessories	AC Adapter+Power Cord ³ ; VESA Bracket and Screws; Cable Clip; Safety/Caution/Regulatory Insert; Warranty Card							
Note	¹ Intel® Arc™ GPU requires using 2 x SO-DIMM/CSO-DIMM				¹ Up to 7.1 multichannel (or 8-channel) digital audio on HDMI and DP Type C ports			
	² Up to 7.1 multichannel (or 8-channel) digital audio on HDMI and DP Type C ports				² Power cord included is region specific, and some SKUs do not include the power cord			
	³ Power cord included is region specific, and some SKUs do not include the power cord							
	4 - Non-condensing Humidity defined by dew point				3 - Non-condensing Humidity defined by dew point			

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ASUS NUC 15 PRO

Board Specifications



Image E

Project Code	NUC15CRB-M		
CPU	Intel® Core™ Ultra 7 265H (vPro), cTDP 40W Intel® Core™ Ultra 7 255H, cTDP 40W Intel® Core™ Ultra 5 235H (vPro), cTDP 40W Intel® Core™ Ultra 5 225H, cTDP 40W	Intel® Core™ 7 Processor 240H, cTDP 40W Intel® Core™ 5 Processor 210H, cTDP 40W Intel® Core™ 5 Processor 120U, cTDP 25W Intel® Core™ 3 Processor 100U, cTDP 25W	
Chipset	Integrated	Integrated	
Graphics	Intel® Arc™ GPU (Core Ultra) ¹	Intel® Graphics Technology	
Memory	2 x SO-DIMM, Up to DDR5-5600, 48GB*2 OR 2 x CSO-DIMM, Up to DDR5-6400, 48GB*2	2 x SO-DIMM, Up to DDR5-5200, 48GB*2 (100U, 210H) 2 x SO-DIMM, Up to DDR5-5600, 48GB*2 (240H)	
Storage	1 x M.2 2280 PCIe Gen5x4, supports 128GB~8TB NVMe SSD 1 x M.2 2242 PCIe Gen4x4, supports 128GB~2TB NVMe SSD		
Wireless Network	None	TPM	fTPM
LAN	Intel® Ethernet Controller I226-V/LM, 2.5G ²	Card Reader	None
Audio	No Analog Audio Support - Digital Audio ³	HDMI CEC	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	Operating Temperature	0°C - 40°C
Back I/O Ports	2 x Thunderbolt 4 Type-C w/ DisplayPort 2.1 1 x USB 3.2 Gen 2 Type-A 1 x USB 2.0 Type-A 2 x HDMI 2.1 (TMDS Compatible) 1 x RJ45 LAN 1 x DC-in	Storage Temperature	-40°C to 60°C
Side I/O Ports	N/A	Humidity	0%-92% non-condensing ⁴
Power Supply	Not Included	Accessories	Warranty Card Safety/Caution/Regulatory Insert
Dimensions (W x D x H)	101.6 x 107.5 x 29.5 mm (4.00 x 4.23 x 1.16 inch)		
Weights	0.31 kg (0.68 lb)	0.23 kg (0.51 lb)	
ASUS Logo	N/A	OS Support	Supports Windows 11 Home 64-bit Windows 11 Pro 64-bit Windows 11 IoT Enterprise 64-bit Windows 11 Pro Education Ubuntu 24.04 LTS 64-bit RedHat Enterprise Linux 64-bit *No OS installed at shipment
ASUS NUC Logo	N/A		
Color	N/A		
Note	Board Only with Thermal Solution ¹ Intel® Arc™ GPU requires using 2 x SO-DIMM/CSO-DIMM ² Intel® Ethernet Controller I226-LM included on vPro enabled systems ³ Up to 7.1 multichannel (or 8-channel) digital audio on HDMI and DP Type C ports	Board Only with Thermal Solution ¹ Up to 7.1 multichannel (or 8-channel) digital audio on HDMI and DP Type C ports	
	4 - Non-condensing Humidity defined by dew point		2 - Non-condensing Humidity defined by dew point

ASUS NUC 15 PRO

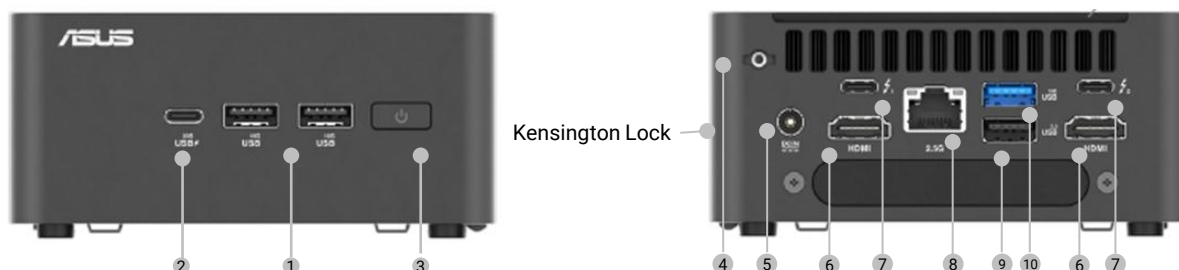
Accessory Specifications

Marketing Name	ASUS NUC 15 Pro Accessory	ASUS NUC 15 Pro Accessory	ASUS NUC 15 Pro Accessory
Project Code	NUCIOALA0CR	NUCIOALASCR	NUCIOAES0CR
Photo			
ASUS Logo	No	No	No
ASUS NUC Logo	No	No	No
Color	N/A	N/A	N/A
Storage	N/A	N/A	1 x M.2 2242 PCIe Gen4x4, supports 128GB~2TB NVMe SSD
LAN	Intel® Ethernet Controller I226-V, 2.5G	Intel® Ethernet Controller I226-V, 2.5G	N/A
Back I/O Ports	1 x RJ45 LAN	1 x RJ45 LAN 1 x RS232 DB9	N/A
Dimensions (W x D x H)	43 x 88 x 20 mm (1.69 x 3.46 x 0.79 inch)	56 x 88 x 20 mm (2.20 x 3.46 x 0.79 inch)	22 x 58 x 10 mm (0.87 x 2.28 x 0.39 inch)
Product Weight	0.02 kg (0.05 lb)	0.03 kg (0.07 lb)	0.02 kg (0.04 lb)
Operating Temperature	0°C - 35°C	0°C - 35°C	0°C - 35°C
Storage Temperature	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C
Humidity	0%-92% non-condensing ⁽¹⁾	0%-92% non-condensing ⁽¹⁾	0%-92% non-condensing ⁽¹⁾
Accessories	Safety/Caution/Regulatory Insert Warranty Card	Safety/Caution/Regulatory Insert Warranty Card	Safety/Caution/Regulatory Insert Warranty Card

⁽¹⁾ [Non-condensing Humidity defined by dew point](#)

ASUS NUC 15 PRO

Tall



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

4. Security mechanism for power cable
5. DC-in
6. 2x HDMI 2.1 (TMDS)
7. 2x Thunderbolt™4
8. 2.5Gb Ethernet Port

9. USB 2.0 Type-A
10. USB 3.2 Gen2 Type-A

* All USB ports with individual USB power control

Slim



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

4. Security mechanism for power cable
5. DC-in
6. 2x HDMI 2.1 (TMDS)
7. 2x Thunderbolt™4
8. 2.5Gb Ethernet Port
9. USB 2.0 Type-A
10. USB 3.2 Gen2 Type-A

ASUS NUC 15 PRO

What's in the box

Mini PC



(Tall)

Or



(Slim)

Kit



(Tall)

Or

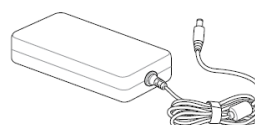


(Slim)

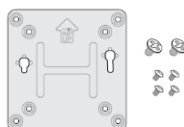
NUC 15 PRO



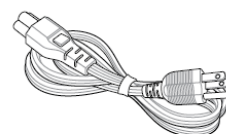
Inserts



Power Adapter
90 / 120 W



VESA bracket and
Screws



Power Cord*

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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