

## ASUS NUC RNUC14LNKU5078NU Intel Core Ultra 5 226V 16 GB LPDDR5x-SDRAM 512 GB SSD Windows 11 Mini PC Black



**Brand :** ASUS

**Product family:** NUC

**Product code:** 90AS00N1-M001C0

**Product name :**  
RNUC14LNKU5078NU

- Windows 11 64-bit  
 - Intel Core Ultra 5 226V (8MB Cache)  
 - 16GB (8533MHz) LPDDR5x-SDRAM & 512GB SSD  
 Intel Core Ultra 5 226V (8MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, Intel Arc Graphics 130V, LAN, WLAN, Bluetooth, Windows 11 64-bit

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### Create, achieve, and stay secure with AI Innovation

The World's First AI Mini PC, powered by the Intel® Core™ Ultra processor (Series 2, formerly Lunar Lake), delivering advanced AI capabilities in a compact <0.6L design. It features Copilot+ button, Wi-Fi 7, Bluetooth 5.4, voice command, and fingerprint recognition with Secure Boot for enhanced security, plus effortless tool-free installation. This revolutionary device sets a new benchmark for mini PC innovation, providing unparalleled performance across business, entertainment, and industrial applications.

Processor		Graphics	
Processor manufacturer *	Intel	On-board graphics card family	Intel Arc Graphics
Processor family *	Intel Core Ultra 5	On-board graphics card model *	Intel Arc Graphics 130V
Processor generation	Intel Core Ultra (Series 2)	<b>Network</b>	
Processor model *	226V	Ethernet LAN *	✓
Processor cores	8	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor threads	8	LAN controller	Intel I226-V
Processor boost frequency	4.5 GHz	Wi-Fi *	✓
Performance cores	4	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Low Power Efficient-cores	4	Wi-Fi standards	Wi-Fi 7 (802.11be)
Performance-core Max Turbo Frequency	4.5 GHz	WLAN controller manufacturer	Intel
Low Power Efficient-core Max Turbo Frequency	3.5 GHz	WLAN controller model	Intel Wi-Fi 7 BE201
Performance-core base frequency	2.1 GHz	Bluetooth	✓
Low Power Efficient-core Base Frequency	2100 MHz	Bluetooth version	5.4
Processor cache	8 MB	<b>Ports &amp; interfaces</b>	
Processor cache type	Smart Cache	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor base power	17 W	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Maximum turbo power	37 W	Intel® Thunderbolt 4	✓
<b>Neural processor unit (NPU)</b>		Thunderbolt 4 ports quantity	2
Neural processor unit (NPU)	Intel AI Boost	HDMI ports quantity *	1
Sparsity support	✓	HDMI version	2.1
Windows Studio effects support	✓	Ethernet LAN (RJ-45) ports	1
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Combo headphone/mic port	✓
Total processor performance up to	97 TOPs	DC-in jack	✓
NPU performance up to	40 TOPs	Number of rear USB ports	3
GPU performance up to	53 TOPs	Number of front USB ports	3
<b>Memory</b>		Number of front audio ports	1
Internal memory *	16 GB	<b>Design</b>	
Internal memory type	LPDDR5x-SDRAM	Chassis type *	Mini PC
Memory clock speed	8533 MHz	Placement supported	Horizontal

Memory		Design	
Memory channels	Dual-channel	Cable lock slot	✓
Storage		Cable lock slot type	Kensington
Total storage capacity *	512 GB	Product colour *	Black
Storage media *	SSD	Introduction year	2025
Optical drive type *	✗	Performance	
Total SSDs capacity	512 GB	Market positioning	Business
Number of SSDs installed	1	Motherboard chipset	Intel SoC
SSD capacity	512 GB	Audio chip	Realtek ALC3288
SSD interface	PCI Express 4.0	Product type *	Mini PC
NVMe	✓	Software	
SSD form factor	M.2	Operating system architecture	64-bit
M.2 SSD size	2280 (22 x 80 mm)	Operating system installed *	Windows 11
Graphics		Power	
Discrete graphics card *	✗	Power supply *	120 W
On-board graphics card *	✓	Weight & dimensions	
Discrete graphics card model *	Not available	Width *	130 mm
On-board GPU manufacturer	Intel	Depth *	130 mm
		Height *	34 mm
		Weight *	500 g
		Display	
		Display included *	✗



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