

ASUS NUC RNUC14LNKU7094H2 Intel Core Ultra 7 258V 32 GB LPDDR5x-SDRAM 1 TB SSD Windows 11 Home Mini PC Black



Brand : ASUS

Product family: NUC

Product code: 90AS00N1-M00190

Product name :
RNUC14LNKU7094H2

Intel Core Ultra 7 258V (12MB Cache), 32GB LPDDR5x, 1000GB SSD, Intel Arc Graphics 140V, LAN, WLAN, Bluetooth, Windows 11 Home 64-bit

ASUS NUC RNUC14LNKU7094H2 Intel Core Ultra 7 258V 32 GB LPDDR5x-SDRAM 1 TB SSD Windows 11 Home Mini PC Black:

World's first Mini PC Powered by the Intel® Core™ Ultra processor (Series 2, formerly 'Lunar Lake'), featuring Copilot+, Bluetooth® 5.4, voice commands, and fingerprint recognition with Secure Boot for enhanced security.

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 GPU manufacturer	Intel
Processor family *	Intel Core Ultra 7	On-board graphics card family	Intel Arc Graphics
Processor generation	Intel Core Ultra (Series 2)	On-board graphics card model *	Intel Arc Graphics 140V
Processor model *	258V	Network	
Processor cores	8	Ethernet LAN *	✓
Processor threads	8	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Processor boost frequency	4.8 GHz	Cabling technology	10/100/1000Base-T(X)
Performance cores	4	LAN controller	Intel I226-V
Low Power Efficient-cores	4	Wi-Fi *	✓
Performance-core Max Turbo Frequency	4.8 GHz	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Wi-Fi standards	Wi-Fi 7 (802.11be)
Performance-core base frequency	2.2 GHz	WLAN controller manufacturer	Intel
Low Power Efficient-core Base Frequency	2200 MHz	WLAN controller model	Intel Wi-Fi 7 BE201
Processor cache	12 MB	Bluetooth	✓
Processor cache type	Smart Cache	Bluetooth version	5.4
Processor base power	17 W	Ports & interfaces	
Maximum turbo power	37 W	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Neural processor unit (NPU)		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Neural processor unit (NPU)	Intel AI Boost	USB Type-C DisplayPort Alternate Mode	✓
Sparsity support	✓	Intel® Thunderbolt 4	✓
Windows Studio effects support	✓	Thunderbolt 4 ports quantity	2
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	HDMI ports quantity *	1
Total processor performance up to	115 TOPs	HDMI version	2.1
NPU performance up to	47 TOPs	Ethernet LAN (RJ-45) ports	1
GPU performance up to	64 TOPs	Combo headphone/mic port	✓
Memory		DC-in jack	✓
Internal memory *	32 GB	Design	
Maximum internal memory *	32 GB	Chassis type *	Mini PC

Memory		Design	
Internal memory type	LPDDR5x-SDRAM	Cable lock slot	✓
Memory clock speed	8533 MHz	Cable lock slot type	Kensington
Memory channels	Dual-channel	Product colour *	Black
Storage		Performance	
Total storage capacity *	1 TB	Audio chip	Realtek ALC3288
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Product type *	Mini PC
Total SSDs capacity	1 TB	Software	
Number of SSDs installed	1	Operating system architecture	64-bit
SSD capacity	1 TB	Operating system installed *	Windows 11 Home
SSD interface	PCI Express 4.0	Power	
NVMe	✓	Power supply *	120 W
SSD form factor	M.2	Weight & dimensions	
M.2 SSD size	2280 (22 x 80 mm)	Width *	130 mm
Graphics		Depth *	130 mm
Discrete graphics card *	✗	Height *	34 mm
On-board graphics card *	✓	Weight *	500 g
Discrete graphics card model *	Not available	Display	
		Display included *	✗



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Catalog Object Cloud



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