

ASUS ROG NUC RNUC15JNK9X489A3 Intel Core Ultra 9 275HX 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Windows 11 Mini PC Black

Brand : ASUS

Product family: ROG

Product code: 90AS0011-M002Z0

Product name :
RNUC15JNK9X489A3

- Windows 11 64-bit
- Intel Core Ultra 9 275HX (36MB Cache)
- NVIDIA GeForce RTX 5070
- 32GB (6400MHz) DDR5-SDRAM & 1000GB SSD

Intel Core Ultra 9 275HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, NVIDIA GeForce RTX 5070, LAN, WLAN, Bluetooth, Windows 11 64-bit

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Gaming Redefined Power Meets Precision

Unlock new gaming horizons with ROG NUC (2025), powered by the Intel® Core™ Ultra processors (Series 2) ARL-HX and up to NVIDIA® GeForce RTX™ 5080 Laptop GPU. Equipped with triple fan cooling and support for four 4K displays, this compact powerhouse delivers unprecedented performance.



Processor		Graphics	
Processor manufacturer *	Intel	Number of discrete graphics cards	1
Processor family *	Intel Core Ultra 9	On-board GPU manufacturer	Intel
Processor generation	Intel Core Ultra (Series 2)	On-board graphics card family	Intel® Graphics
Processor model *	275HX	On-board graphics card model *	Intel® Graphics
Processor cores	24	Performance	
Processor threads	24	Market positioning	Gaming
Processor boost frequency	5.4 GHz	Product type *	Mini PC
Performance cores	8	Network	
Efficient cores	16	Ethernet LAN *	✓
Performance-core Max Turbo Frequency	5.4 GHz	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Efficient-core Max Turbo Frequency	4.6 GHz	Cabling technology	10/100/1000Base-T(X)
Performance-core base frequency	2.7 GHz	Wi-Fi *	✓
Efficient-core base frequency	2.1 GHz	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Processor cache	36 MB	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor base power	55 W	WLAN controller manufacturer	Intel
Maximum turbo power	160 W	WLAN controller model	Intel Wi-Fi 7 BE200
Neural processor unit (NPU)		Bluetooth	✓
Neural processor unit (NPU)	Intel AI Boost	Bluetooth version	5.4
Sparsity support	✓	Ports & interfaces	
Windows Studio effects support	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6
Total processor performance up to	36 TOPs		

Neural processor unit (NPU)		Ports & interfaces	
NPU performance up to	13 TOPs	Intel® Thunderbolt 4	✓
GPU performance up to	8 TOPs	Thunderbolt 4 ports quantity	1
Memory		DisplayPorts quantity	2
Internal memory *	32 GB	DisplayPort version	1.4a
Maximum internal memory *	96 GB	HDMI ports quantity *	2
Internal memory type	DDR5-SDRAM	HDMI version	2.1
Memory clock speed	6400 MHz	Ethernet LAN (RJ-45) ports	1
Storage		Combo headphone/mic port	✓
Total storage capacity *	1 TB	DC-in jack	✓
Storage media *	SSD	Number of rear USB ports	5
Optical drive type *	✗	Number of front USB ports	3
Total SSDs capacity	1 TB	Design	
Number of SSDs installed	1	Chassis type *	Mini PC
SSD capacity	1 TB	Placement supported	Horizontal/Vertical
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Product colour *	Black
M.2 SSD size	2280 (22 x 80 mm)	Software	
Graphics		Operating system architecture	64-bit
Discrete graphics card *	✓	Operating system installed *	Windows 11
Discrete GPU manufacturer	NVIDIA	Display	
On-board graphics card *	✓	Display included *	✗
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Weight & dimensions	
		Width *	282.4 mm
		Depth *	187.7 mm
		Height *	56.5 mm
		Weight *	3.12 kg



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Catalog Object Cloud



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