

ASUS ROG NUC RNUC15JNK9X489A2 Intel Core Ultra 9 275HX 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Windows 11 Home Mini PC Black

Brand : ASUS

Product family: ROG

Product code: 90AS00I1-M002Y0

Product name :
RNUC15JNK9X489A2

- Windows 11 Home 64-bit
- Intel Core Ultra 9 275HX (36MB Cache)
- NVIDIA GeForce RTX 5070 (GDDR7)
- 32GB (6400MHz) DDR5-SDRAM & 1000GB SSD

Intel Core Ultra 9 275HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, Intel Graphics, NVIDIA GeForce RTX 5070 (GDDR7), LAN, WLAN, Bluetooth, Windows 11 Home 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 9 processors (Series 2) and up to NVIDIA® GeForce RTX™ 5080 Laptop GPU. Equipped with triple fan cooling and support for five 4K displays, this compact powerhouse delivers unprecedented performance.



Processor		Graphics	
Processor manufacturer *	Intel	On-board graphics card *	✓
Processor family *	Intel Core Ultra 9	Discrete graphics card model *	NVIDIA GeForce RTX 5070
Processor generation	Intel Core Ultra (Series 2)	Discrete graphics memory type	GDDR7
Processor model *	275HX	On-board GPU manufacturer	Intel
Processor cores	24	On-board graphics card family	Intel® Graphics
Processor threads	24	On-board graphics card model *	Intel® Graphics
Processor boost frequency	5.4 GHz		
Performance cores	8		
Efficient cores	16		
Performance-core Max Turbo Frequency	5.4 GHz		
Efficient-core Max Turbo Frequency	4.6 GHz		
Performance-core base frequency	2.7 GHz		
Efficient-core base frequency	2.1 GHz		
Processor cache	36 MB		
Processor base power	55 W		
Maximum turbo power	160 W		
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Market positioning	Gaming
Sparsity support	✓	Product type *	Mini PC
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	36 TOPs		
		Network	
		Ethernet LAN *	✓
		Ethernet LAN data rates	2500 Mbit/s
		Wi-Fi *	✓
		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
		Wi-Fi standards	Wi-Fi 6E (802.11ax)
		WLAN controller model	Intel Wi-Fi 7 BE200
		Bluetooth	✓
		Bluetooth version	5.4
		Ports & interfaces	
		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6

Neural processor unit (NPU)		Ports & interfaces	
NPU performance up to	13 TOPs	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
GPU performance up to	8 TOPs	Intel® Thunderbolt 4	✓
Memory		Thunderbolt 4 ports quantity	1
Internal memory *	32 GB	DisplayPorts quantity	2
Maximum internal memory *	32 GB	HDMI ports quantity *	2
Internal memory type	DDR5-SDRAM	Ethernet LAN (RJ-45) ports	1
Memory slots	2x SO-DIMM	Power	
Memory clock speed	6400 MHz	Power supply type	External AC adapter
Supported memory types	DDR5-SDRAM	Design	
Storage		Chassis type *	Mini PC
Total storage capacity *	1 TB	Product colour *	Black
Storage media *	SSD	Software	
Optical drive type *	✗	Operating system architecture	64-bit
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Home
Number of SSDs installed	1	Display	
SSD capacity	1 TB	Display included *	✗
SSD interface	PCI Express 4.0	Weight & dimensions	
NVMe	✓	Width *	282.4 mm
SSD form factor	M.2	Depth *	187.7 mm
M.2 SSD size	2280 (22 x 80 mm)	Height *	56.5 mm
Compatible memory cards	SD	Weight *	3.12 kg
Graphics		Packaging data	
Discrete graphics card *	✓	Package width	370 mm
Discrete GPU manufacturer	NVIDIA	Package depth	258 mm
		Package height	190 mm
		Package weight	5.6 kg
		Packaging content	
		Cables included	Power



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Catalog Object Cloud



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