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	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 9
Processor generation	Intel Core Ultra (Series 2)
Processor model *	275HX
Processor cores	24
Processor threads	24
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)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	36 TOPs

Graphics	
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA GeForce RTX 5070
Discrete graphics memory type	GDDR7
On-board GPU manufacturer	Intel
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

Performance	
Market positioning	Gaming
Product type *	Mini PC

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)	
NPU performance up to	13 TOPs
GPU performance up to	8 TOPs

Memory	
Internal memory *	32 GB
Maximum internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory slots	2x SO-DIMM
Memory clock speed	6400 MHz
Supported memory types	DDR5-SDRAM

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Optical drive type *	✗
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)
Compatible memory cards	SD

Graphics	
Discrete graphics card *	✓
Discrete GPU manufacturer	NVIDIA

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Intel® Thunderbolt 4	✓
Thunderbolt 4 ports quantity	1
DisplayPorts quantity	2
HDMI ports quantity *	2
Ethernet LAN (RJ-45) ports	1

Power	
Power supply type	External AC adapter

Design	
Chassis type *	Mini PC
Product colour *	Black

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Display	
Display included *	✗

Weight & dimensions	
Width *	282.4 mm
Depth *	187.7 mm
Height *	56.5 mm
Weight *	3.12 kg

Packaging data	
Package width	370 mm
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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