

ASUS NUC RNUC16GDKU5663N3 Intel Core Ultra 5 325 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Mini PC Black

Brand : ASUS

Product family: NUC

Product code: 90AS00Q1-M00090

Product name :

RNUC16GDKU5663N3

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 325 (12MB Cache)
- 16GB DDR5-SDRAM & 512GB SSD

Intel Core Ultra 5 325 (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel Graphics, LAN, WLAN, Bluetooth, Windows 11 Pro 64-bit

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Faster, Smarter, More Secure For the AI-Driven Enterprise

The ASUS NUC 16 Pro mini PC features up to the latest Intel® Core™ Ultra X9 series 3 processor featuring Intel Arc™, delivering up to 1.5X-faster gen-on-gen 3D graphics performance, and supports up to 96GB of lightning-fast LPDDR5x memory—all while boasting incredible energy efficiency. Built-in firmware TPM 2.0 (fTPM 2.0) handles data security and management, while dual 2.5G LAN and two HDMI® ports ensure convenient connectivity. Its AI-ready performance and robust security make the NUC 16 Pro ideal for businesses.

Processor		Graphics	
Processor manufacturer *	Intel	On-board graphics card *	✓
Processor family *	Intel Core Ultra 5	Discrete graphics card model *	Not available
Processor generation	Intel® Core™ Ultra (Series 3)	On-board GPU manufacturer	Intel
Processor model *	325	On-board graphics card family	Intel® Graphics
Processor cores	8	On-board graphics card model *	Intel® Graphics
Processor threads	8		
Processor boost frequency	4.5 GHz		
Performance cores	4		
Performance-core Max Turbo Frequency	4.5 GHz		
Performance-core base frequency	2.1 GHz		
Efficient-core base frequency	1.6 GHz		
Processor cache	12 MB		
Processor cache type	Smart Cache		
Processor socket	FCBGA2540		
Processor base power	25 W		
Maximum turbo power	55 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	OpenVINO, Windows ML, ONNX RT, WebNN		
NPU performance up to	47 TOPs		
GPU performance up to	40 TOPs		
Memory			
Internal memory *	16 GB		
Maximum internal memory *	128 GB		
Internal memory type	DDR5-SDRAM		
Memory slots	2x SO-DIMM		
		Performance	
		Market positioning	Home & office
		Product type *	Mini PC
		Network	
		Ethernet LAN *	✓
		Ethernet LAN data rates	2500 Mbit/s
		LAN controller	Intel I226-V
		Wi-Fi *	✓
		Top Wi-Fi standard	Wi-Fi 7 (802.11be)
		Wi-Fi standards	Wi-Fi 7 (802.11be)
		Bluetooth	✓
		Bluetooth version	6.0
		Ports & interfaces	
		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
		Intel® Thunderbolt 4	✓
		Thunderbolt 4 ports quantity	2
		HDMI ports quantity *	2
		HDMI version	2.1
		Ethernet LAN (RJ-45) ports	2
		Design	
		Chassis type *	Mini PC
		Colour name	Black



Storage		Design	
Total storage capacity *	512 GB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Kensington
Optical drive type *	✗	Product colour *	Black
Number of storage drives installed	1	Introduction year	2026
Total SSDs capacity	512 GB	Software	
Number of SSDs installed	1	Operating system architecture	64-bit
SSD capacity	512 GB	Operating system installed *	Windows 11 Pro
NVMe	✓	Display	
SSD form factor	M.2	Display included *	✗
Graphics		Weight & dimensions	
Discrete graphics card *	✗	Width *	144 mm
		Depth *	117 mm
		Height *	42 mm
		Weight *	910 g



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Catalog Object Cloud



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