ASUS NUC 14 Pro+ RNUC14RVSU5068A0I Intel Core Ultra 5 125H 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Home UCFF Mini PC Silver

Brand : ASUS

Product family: NUC

Product code: 90AS0061-M00010

Product name :
RNUC14RVSU5068A0I

- Performance: Superior performance besting all other competitive mini-PCs
- Design: Features an eye-catching 5 x 4-inch anodized aluminum chassis
- AI Ready: Harnesses the prowess of the Intel® Core™ Ultra 9 processor to locally run generative AI workloads
- Wi-Fi Sensing: Takes advantage of Wi-Fi sensing to deliver instant availability while reducing power consumption
- Wireless Connectivity: Delivers seamless connectivity for certified Bluetooth®
- Customizable: Designed for toolless chassis access making upgrades easier, safer, and faster

Intel Core Ultra 5 125H, 16 GB SO-DIMM DDR5 5600, 512 GB SSD, Intel Wi-Fi 6E AX211, 2.5G Ethernet, Bluetooth 5.3, Windows 11 Home

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 5
Processor generation	Intel® Core™ Ultra (Series 1)
Processor model *	125H
Processor cores	14
Processor threads	18
Performance cores	4
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	4.5 GHz
Efficient-core Max Turbo Frequency	3.6 GHz
Low Power Efficient-core Max Turbo Frequency	2.5 GHz
Performance-core base frequency	1.2 GHz
Efficient-core base frequency	0.7 GHz
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	18 MB
Processor cache type	Smart Cache
Number of processors installed	1
Processor base power	28 W
Maximum turbo power	115 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Maximum frequency NPU	1.4 GHz
Sparsity support	✔
Windows Studio effects support	✔
AI datatype support on NPU	FP16, FP32, Int8
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML

Memory	
Internal memory *	16 GB
Maximum internal memory *	96 GB
Internal memory type	DDR5-SDRAM
Memory slots	2x SO-DIMM
Memory channels	Dual-channel

Storage	
Number of SSDs installed	1
SSD capacity	512 GB

Graphics	
Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board GPU manufacturer	Intel
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics

Network	
Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
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
Ethernet LAN (RJ-45) ports	1
DC-in jack	✔

Design	
Chassis type *	UCFF
Product colour *	Silver

Performance	
Product type *	Mini PC

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✕
Total SSDs capacity	512 GB

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

Power	
Power supply *	120 W

Weight & dimensions	
Width *	144 mm
Depth *	112 mm
Height *	41 mm
Weight *	800 g

Packaging content	
Display included *	✕

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