

ASUS NUC 14 Pro 90AS0081-M001K0 PC/workstation Intel Core Ultra 7 155H 32 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro UCCF Mini PC Black

Brand : ASUS

Product family: NUC

Product code: 90AS0081-M001K0



Product name : 90AS0081-M001K0

- Performance: Delivers best-in-class performance among comparable mini-PC offerings
 - Manageability: Most comprehensive mini-PC with Intel vPro® Enterprise for exceptional security, manageability, and stability
 - AI Ready: Harnesses the prowess of Intel® Core™ Ultra processors' three AI engines for high throughput, low power, and fast response
 - 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® dongle-free experiences
 - Customizable: Designed for toolless chassis access making upgrades easier, safer, and faster
- Intel Core Ultra 7 155H, Intel Arc GPU, 32 GB DDR5 SO-DIMM, 1 TB SSD, Intel Wi-Fi 6E AX211, 2.5G LAN, Bluetooth, 5.3, Windows 11 Pro



Processor		Graphics	
Processor manufacturer *	Intel	Discrete graphics card model *	Not available
Processor family *	Intel Core Ultra 7	On-board GPU manufacturer	Intel
Processor generation	Intel® Core™ Ultra (Series 1)	On-board graphics card family	Intel Arc Graphics
Processor model *	155H	On-board graphics card model *	Intel Arc Graphics
Processor cores	16		
Processor threads	22		
Performance cores	6		
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.8 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		
Low Power Efficient-core Max Turbo Frequency	2.5 GHz		
Performance-core base frequency	1.4 GHz		
Efficient-core base frequency	0.9 GHz		
Low Power Efficient-core Base Frequency	700 MHz		
Processor cache	24 MB		
Processor cache type	Smart Cache		
Number of processors installed	1		
Processor base power	28 W		
Maximum turbo power	115 W		
Memory		Network	
Internal memory *	32 GB	Ethernet LAN *	✓
Maximum internal memory *	96 GB	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Internal memory type	DDR5-SDRAM	Wi-Fi *	✓
Memory slots	2x SO-DIMM	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory clock speed	5600 MHz	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Memory channels	Dual-channel	Bluetooth	✓
Storage		Bluetooth version	5.3
Total storage capacity *	1 TB	Ports & interfaces	
Storage media *	SSD	USB 2.0 ports quantity *	1
		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3
		USB 3.2 Gen 2x2 Type-C ports quantity	1
		USB Type-C DisplayPort Alternate Mode	✓
		Thunderbolt 4 ports quantity	2
		HDMI ports quantity *	2
		Ethernet LAN (RJ-45) ports	1
		DC-in jack	✓
		Design	
		Chassis type *	UCCF
		VESA mounting	✓
		Number of 2.5" bays	1
		Product colour *	Black

Storage		Performance	
Optical drive type *	✗	Product type *	Mini PC
Total SSDs capacity	1 TB	Software	
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	1 TB	Operating system architecture	64-bit
Graphics		Power	
Discrete graphics card *	✗	Power supply *	120 W
On-board graphics card *	✓	Weight & dimensions	
		Width *	117 mm
		Depth *	112 mm
		Height *	54 mm
		Weight *	750 g
		Packaging content	
		Display included *	✗



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