



# MSI Cubi NUC 13MQG Intel Core i5 1345U vPRO Desktop PC, NUC, SFF, Mini Computer, HTPC, (8GB RAM, 512GB Storage, Windows 11 PRO), vPRO/Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA

**Brand :** MSI

**Product family:** Cubi

**Product code:** CUBI NUC 13MQG I5 1345U FS 8GB 512GB VPRO W11P

**Product name :** MSI Cubi NUC 13MQG Intel Core i5 1345U vPRO Desktop PC, NUC, SFF, Mini Computer, HTPC, (8GB RAM, 512GB Storage, Windows 11 PRO), vPRO/Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA

MSI Cubi NUC 13MQG Intel Core i5 1345U vPRO Desktop PC, NUC, SFF, Mini Computer, HTPC, (8GB RAM, 512GB Storage, Windows 11 PRO), vPRO/Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA

MSI Cubi NUC 13MQG Intel Core i5 1345U vPRO Desktop PC, NUC, SFF, Mini Computer, HTPC, (8GB RAM, 512GB Storage, Windows 11 PRO), vPRO/Intel Graphics/DDR5/Dual ThunderBolt 4/Dual HDMI/Dual LAN/WiFi 6E/BT 5.3/VESA. Processor frequency: 3.5 GHz, Processor family: Intel® Core™ i5, Processor model: i5-1345U. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5200 MHz. Total storage capacity: 512 GB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel Graphics. Operating system installed: Windows 11 Pro. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i5	Thunderbolt 4 ports quantity	2
Processor generation	13th gen Intel® Core™ i5	Intel® Thunderbolt 4	✓
Processor model *	i5-1345U	DVI port	✗
Processor cores	10	HDMI ports quantity *	2
Processor threads	12	HDMI version	1.4/2.1
Processor boost frequency	4.7 GHz	Microphone in	✗
Processor frequency *	3.5 GHz	Line-out	✗
Performance cores	2	Line-in	✗
Efficient cores	8	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	4.7 GHz	S/PDIF out port	✗
Efficient-core Max Turbo Frequency	3.5 GHz	DC-in jack	✓
Processor cache	12 MB	Number of rear USB ports	4
Processor cache type	L2 & L3	Number of front USB ports	2
Number of processors installed	1	Number of front audio ports	1
Processor base power	15 W		
Maximum turbo power	55 W		
Memory		Design	
Internal memory *	8 GB	Chassis type *	Mini PC
Maximum internal memory *	64 GB	Colour name	Black
Internal memory type	DDR5-SDRAM	Volume	0.84 L
Memory layout (slots x size)	1 x 8 GB	Placement supported	Horizontal
Memory slots	2x SO-DIMM	VESA mounting	✓
Memory clock speed	5200 MHz	Cable lock slot	✓
Storage		Cable lock slot type	Kensington
Total storage capacity *	512 GB	Product colour *	Black
Storage media *	SSD	Housing material	Plastic
		Viewing window	✗
		RGB memory lighting	✗
		Introduction year	2024

<b>Storage</b>		<b>Design</b>	
Optical drive type *	✘	Introduction month	October
Number of storage drives installed	1	Country of origin	China
Number of storage drives supported	3	<b>Performance</b>	
HDD size	2.5"	Market positioning	Business
Number of SSDs installed	1	Powered by	MSI
SSD capacity	512 GB	Motherboard chipset	Intel SoC
SSD interface	M.2	Motherboard form factor	NUC
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Product type *	Mini PC
Compatible memory cards	MicroSD (TransFlash)	<b>Software</b>	
<b>Graphics</b>		Operating system installed *	Windows 11 Pro
Discrete graphics card *	✘	<b>Power</b>	
On-board graphics card *	✓	Power supply *	120 W
Discrete graphics card model *	Not available	Power supply input voltage	100-240 V
On-board GPU manufacturer	Intel	Power supply input frequency	50-60 Hz
On-board graphics card family	Intel Graphics	<b>Sustainability</b>	
On-board graphics card model *	Intel Graphics	Sustainability certificates	ENERGY STAR, Forest Stewardship Council (FSC), Post-Consumer Recycled Plastic
<b>Network</b>		<b>Weight &amp; dimensions</b>	
Ethernet LAN *	✓	Width *	132.5 mm
LAN controller	Intel I226-V	Depth *	135.6 mm
Wi-Fi *	✓	Height *	50.1 mm
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Weight *	0.625 g
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Package width	205 mm
WLAN controller manufacturer	Intel	Package depth	220 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Package height	94 mm
Bluetooth	✓	Package weight	1.45 g
Bluetooth version	5.3	<b>Packaging content</b>	
Wake-on-LAN ready	✓	Display included *	✘
<b>Ports &amp; interfaces</b>		Mouse included	✘
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Keyboard included	✘
PowerShare	✘	Cables included	AC, Power
		VESA mount included	✓
		Screws included	✓
		<b>Other features</b>	
		Special features	vPRO
		Locale	English
		Warranty period	3 year(s)



4711377270410

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 30-OCT-2024. Prints or copies of Information are only valid on the printed Publication date