MSI Cubi NUC AI 1UMG-063EU Intel Core Ultra 5 125H 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Home Mini PC White

Brand : MSI

Product family: Cubi

Product code: CUBI NUC AI 1UMG-063EU

Product name : Cubi NUC AI 1UMG-063EU



- Windows 11 Home
- Intel Core Ultra 5 125H (18MB Cache)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD

Intel Core Ultra 5 125H (18MB Cache), 16GB DDR5-SDRAM, 512GB SSD, Intel Arc Graphics, LAN, WLAN, Bluetooth, Windows 11 Home

MSI Cubi NUC AI 1UMG-063EU. Processor family: Intel Core Ultra 5, Processor model: 125H. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM, Memory clock speed: 5600 MHz. Total storage capacity: 512 GB, Storage media: SSD, Card reader integrated. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Home. Power supply: 120 W. Chassis type: Mini PC. Product type: Mini PC. Weight: 630 g. Product colour: White



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
Processor boost frequency	4.5 GHz
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 supported	1
Processor base power	28 W
Maximum turbo power	115 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔

Performance	
Trusted Platform Module (TPM) version	2.0
Built-in speaker(s)	✘

Network	
Ethernet LAN *	✔
LAN controller	Intel I226-V
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller model	Intel Wi-Fi 6E AX211
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
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
Combo headphone/mic port	✔
Microphone in	✘
DVI port	✘
DC-in jack	✔

Neural processor unit (NPU)	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML
Memory	
Internal memory *	16 GB
Maximum internal memory *	64 GB
Internal memory type	DDR5-SDRAM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Memory clock speed	5600 MHz
Supported memory types	DDR5-SDRAM
Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Optical drive type *	✗
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✓
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)
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
Graphics card family	Intel
Performance	
Motherboard chipset	Intel SoC
Motherboard form factor	NUC
Trusted Platform Module (TPM)	✓
Product type *	Mini PC

Expansion slots	
Number of M.2 (M) slots	2
Power	
Power supply type	External AC adapter
Power supply *	120 W
Design	
Chassis type *	Mini PC
Volume	0.51 L
Panel mounting interface	100 x 100 mm
VESA mounting	✓
Cable lock slot	✓
Cable lock slot type	Kensington
Product colour *	White
Cooling type	Active
Housing material	Plastic
Software	
Operating system installed *	Windows 11 Home
Display	
Display included *	✗
Number of displays supported	4
Operational conditions	
Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	0 - 85%
Storage relative humidity (H-H)	0 - 90%
Weight & dimensions	
Width *	119.6 mm
Depth *	115.2 mm
Height *	37.5 mm
Weight *	630 g
Packaging data	
Package width	205 mm
Package depth	220 mm
Package height	94 mm
Package weight	1.45 kg
Packaging content	
Mouse included	✗
Keyboard included	✗
AC adapter included	✓
Power cord included	✓
Certificates	
Certification	FCC(Class B), CB/CE, UL(CUL), BSMI, VCCI, RCM(C-Tick)
Other features	
Warranty period	3 year(s)

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