MSI Modern AM273Q AI 1UM-037US Intel Core Ultra 7 155H 68.6 cm (27") 2560 x 1440 pixels All-in-One PC 32 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Wi-Fi 6E (802.11ax) Black



Brand : MSI

Product family: Modern

Product code: MODERN AM273Q AI 1UM-037US

Product name : Modern AM273Q AI 1UM-037US

- Windows 11 Pro
- Intel Core Ultra 7 155H (24MB Cache)
- 68.6 cm (27") Wide Quad HD 2560 x 1440 IPS
- 32GB (5600MHz) DDR5-SDRAM & 1000GB SSD

Intel Core Ultra 7 155H (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 68.6 cm (27") Wide Quad HD 2560 x 1440 IPS, Intel Arc Graphics, WLAN, Bluetooth, Webcam, Windows 11 Pro

MSI Modern AM273Q AI 1UM-037US. Product type: All-in-One PC. Display diagonal: 68.6 cm (27"), HD type: Wide Quad HD, Display resolution: 2560 x 1440 pixels, Panel type: IPS. Processor family: Intel Core Ultra 7. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Built-in camera. Operating system installed: Windows 11 Pro. Product colour: Black



Display	
Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
Touchscreen *	✕
HD type *	Wide Quad HD
Display brightness	300 cd/m²
Panel type	IPS
Pixel pitch	0.2331 x 0.2331 mm
Tilt angle range	-4 - 20°

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel® Core™ Ultra (Series 1)
Processor model *	155H
Processor cores	16
Processor threads	22
Processor boost frequency	4.8 GHz
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

Graphics	
On-board graphics card *	✔
On-board GPU manufacturer	Intel
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics

Audio	
Built-in speaker(s) *	✔
Number of speakers	2
RMS rated power	3 W
Audio chip	Realtek ALC256

Camera	
Built-in camera *	✔
Total megapixels	2 MP
Camera HD type	Full HD

Network	
Wi-Fi *	✔
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller manufacturer	Intel
WLAN controller model	Intel Wi-Fi 6E AX211
Ethernet LAN *	✕
Ethernet LAN data rates	2500 Mbit/s
Bluetooth *	✔
Bluetooth version	5.3

Ports & interfaces	
Ethernet LAN (RJ-45) ports	1

Processor	
Processor cache type	Smart Cache
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	✔
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML

Memory	
Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Maximum internal memory *	64 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory clock speed	5600 MHz
Memory form factor	DIMM/SO-DIMM

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔

Graphics	
Discrete graphics card *	✘
Discrete graphics card model *	Not available

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	5
HDMI ports quantity *	2
HDMI version	2.0
Combo headphone/mic port	✔

Design	
Product colour *	Black
Cable lock slot	✔
Cable lock slot type	Kensington

Performance	
Product type *	All-in-One PC
Motherboard chipset	Intel SoC
Trusted Platform Module (TPM)	✔

Software	
Operating system installed *	Windows 11 Pro

Processor special features	
Intel Virtualization Technology for Directed I/O (VT-d)	✔

Power	
AC adapter power	120 W

Weight & dimensions	
Width (with stand)	638.1 mm
Depth (with stand)	180.7 mm
Height (with stand)	433.1 mm
Weight (with stand)	5 kg
Package width	700 mm
Package depth	217 mm
Package height	473 mm
Package weight	9.6 kg

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%

Certificates	
Certification	CB/CE

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