MSI Modern AM242P 1M-2088XEU Intel Core 5 120U 60.5 cm (23.8") 1920 x 1080 pixels All-in-One PC 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Black



Brand : MSI

Product family: Modern

Product code: MODERN AM242P 1M-2088XEU

Product name : Modern AM242P 1M-2088XEU



- No OS
- Intel Core 5 120U (12MB Cache)
- 23.8" Full HD 1920 x 1080 IPS
- 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core 5 120U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 23.8" Full HD 1920 x 1080 IPS, Intel Graphics, LAN, WLAN, Bluetooth, Webcam, No OS

MSI Modern AM242P 1M-2088XEU. Product type: All-in-One PC. Display diagonal: 60.5 cm (23.8"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Panel type: IPS. Processor family: Intel Core 5. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Built-in camera. Product colour: Black

Display	
Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type *	Full HD
Display brightness	250 cd/m²
Panel type	IPS
Pixel pitch	0.2745 x 0.2745 mm
Anti-glare screen	✔
Tilt adjustment	✔
Tilt angle range	-5 - 15°

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core 5
Processor generation	Intel Core (Series 1)
Processor model *	120U
Processor cores	10
Processor threads	12
Processor boost frequency	5 GHz
Performance cores	2
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Performance-core base frequency	1.4 GHz
Efficient-core base frequency	0.9 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	15 W

Graphics	
On-board graphics card model *	Intel® Graphics

Audio	
Built-in speaker(s) *	✔
Number of speakers	2
RMS rated power	5 W
Audio chip	Realtek ALC256

Camera	
Built-in camera *	✔

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 *	✔
Bluetooth *	✔
Bluetooth version	5.3

Ports & interfaces	
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	2
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 *	2
HDMI ports quantity *	2
Microphone in	✔

Processor	
Maximum turbo power	55 W

Memory	
Internal memory *	16 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 layout (slots x size)	1 x 16 GB
Memory form factor	DIMM/SO-DIMM

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

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

Ports & interfaces	
Combo headphone/mic port	✔

Design	
Product colour *	Black
Cable lock slot	✔
Cable lock slot type	Kensington
VESA mounting	✔
Panel mounting interface	75 x 75 mm

Performance	
Product type *	All-in-One PC
Market positioning	Business
Motherboard chipset	Intel SoC

Software	
Operating system installed *	✘

Power	
AC adapter power	120 W

Weight & dimensions	
Package width	652 mm
Package depth	222 mm
Package height	455 mm

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	FCC, CB/CE, UL & CUL, VCCI, RCM

Packaging content	
Mouse connectivity	Wireless
Keyboard connectivity	Wireless

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Publication date: 24-OCT-2026. Prints or copies of Information are only valid on the printed Publication date