msi

MSI Modern AM242TP 1M-1097US Intel Core 5 120U 60.5 cm (23.8") 1920 x 1080 pixels Touchscreen All-in-One PC 16 GB DDR5-SDRAM 1 TB SSD Windows 11 Home Wi-Fi 6E (802.11ax) White

Brand : MSI

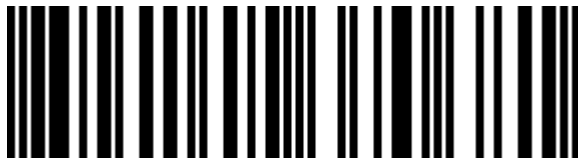**Product family:** Modern

Product code:
MAM242TP1M1097

Product name : MODERN
AM242TP 1M-1097US

- Adjustable stand provides a convenient working environment
- The Instant Display Technology allows the Modern AM242 series to function as a monitor without requiring the system to boot up.
- dTPM and the built-in FHD webcam featuring Windows Hello improve user privacy and secure confidential data
- MSI Storage Rapid Upgrade Design facilitates rapid upgrading or maintenance of 2.5" storage
- MSI Cloud Center enables users to create a private cloud and backup files from Android and iOS devices
- MSI AI Engine automatically detects user scenarios and adjusts performance, sound effects, and display mode accordingly
- 24/7 Qualified Reliability Test
23.8", 1920x1080 FHD, IPS, LED, Multi-Touch, Intel Core 5-120U, 16GB DDR5, 1TB M.2 NVMe, Wifi 6E AX211, Windows 11 Home

Display

Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✔
HD type *	Full HD
Panel type	IPS
Anti-glare screen	✔
Tilt adjustment	✔

Processor

Processor manufacturer *	Intel
Processor family *	Intel Core 5
Processor generation	12th gen Intel® Core™ i5
Processor model *	120U
Processor frequency *	3.8 GHz
Performance cores	8
Efficient cores	12
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Processor cache	12 MB
Processor cache type	Smart Cache

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Maximum internal memory *	64 GB
Memory slots	2
Memory clock speed	5600 MHz

Storage

Total storage capacity *	1 TB
Storage media *	SSD

Graphics

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

Audio

Built-in speaker(s) *	✔
RMS rated power	120 W

Camera

Built-in camera *	✔

Network

Wi-Fi *	✔
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Ethernet LAN *	✔
Ethernet LAN data rates	1000 Mbit/s
Bluetooth *	✔
Bluetooth version	5.3

Ports & interfaces

Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
HDMI ports quantity *	1

Design

Product colour *	White

Storage

Number of storage drives installed	1
SSD interface	M.2
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Performance

Product type *	All-in-One PC
Market positioning	Everyday

Software

Operating system installed *	Windows 11 Home

Weight & dimensions

Width (with stand)	541 mm
Depth (with stand)	535 mm
Height (with stand)	134 mm
Weight (with stand)	6.16 kg

Storage

Number of storage drives installed	1
SSD interface	M.2
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Performance

Product type *	All-in-One PC
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Software

Operating system installed *	Windows 11 Home

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Catalog Object Cloud