msi

MSI Modern AM242TP 12M-483EU Intel® Core™ i5 i5-1235U 60,5 cm (23.8") 1920 x 1080 pixels Touchscreen All-in-One PC 16 GB DDR4-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 6E (802.11ax) White

Brand : MSI

Product family: Modern

Article code: MODERN AM242TP 12M-483EU

Product name : Modern AM242TP 12M-483EU

MSI Modern AM242TP 12M-483EU. Product type: All-in-One PC. Display diagonal: 60,5 cm (23.8"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen, Panel type: IPS. Processor family: Intel® Core™ i5. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Built-in camera. Operating system installed: Windows 11 Pro. Product color: White

Display

Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✔
HD type *	Full HD
Native aspect ratio	16:9
Display brightness	250 cd/m²
Panel type	IPS
Pixel pitch	0.2745 x 0.2745 mm
Tilt adjustment	✔
Tilt angle range	-4 - 20°

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model *	i5-1235U
Processor cores	10
Processor boost frequency	4.4 GHz
Performance cores	2
Efficient cores	8
Performance-core Max Turbo Frequency	4.4 GHz
Efficient-core Max Turbo Frequency	3.3 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-down	20 W
Processor base power	15 W
Maximum turbo power	55 W

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	10,100,1000 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 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 *	1

Design

Product colour *	White
VESA mounting	✔
Panel mounting interface	75 x 75 mm

Performance

Product type *	All-in-One PC
Motherboard chipset	Intel SoC

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Maximum internal memory *	64 GB
Memory slots	2
Memory slots type	SO-DIMM
Memory clock speed	3200 MHz
Memory layout (slots x size)	2 x 8 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
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 Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics

Audio

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

Camera

Built-in camera *	✔

Software

Operating system installed *	Windows 11 Pro

Processor special features

Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Power

AC adapter power	120 W

Weight & dimensions

Width (with stand)	541.4 mm
Depth (with stand)	194.9 mm
Height (with stand)	534.9 mm
Weight (with stand)	6.16 kg
Package width	652 mm
Package depth	222 mm
Package height	455 mm
Package weight	8.45 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	FCC, CB/CE, UL & CUL, VCCI, RCM

Other features

HDMI in	1

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