



**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		Network	
Display diagonal *	60.5 cm (23.8")	Wi-Fi *	✓
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
HD type *	Full HD	WLAN controller manufacturer	Intel
Native aspect ratio	16:9	WLAN controller model	Intel Wi-Fi 6E AX211
Display brightness	250 cd/m²	Ethernet LAN *	✓
Panel type	IPS	Ethernet LAN data rates	10,100,1000 Mbit/s
Pixel pitch	0.2745 x 0.2745 mm	Bluetooth *	✓
Tilt adjustment	✓	Bluetooth version	5.3
Tilt angle range	-4 - 20°	Ports & interfaces	
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	Intel	USB 2.0 ports quantity *	2
Processor family *	Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor generation	12th gen Intel® Core™ i5	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Processor model *	i5-1235U	HDMI ports quantity *	1
Processor cores	10	Design	
Processor boost frequency	4.4 GHz	Product colour *	White
Performance cores	2	VESA mounting	✓
Efficient cores	8	Panel mounting interface	75 x 75 mm
Performance-core Max Turbo Frequency	4.4 GHz	Performance	
Efficient-core Max Turbo Frequency	3.3 GHz	Product type *	All-in-One PC
Processor cache	12 MB	Motherboard chipset	Intel SoC
Processor cache type	Smart Cache		
Configurable TDP-down	20 W		
Processor base power	15 W		
Maximum turbo power	55 W		

Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR4-SDRAM	<b>Processor special features</b>	
Maximum internal memory *	64 GB	Intel Flex Memory Access	✓
Memory slots	2	Intel Trusted Execution Technology	✓
Memory slots type	SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	3200 MHz	Execute Disable Bit	✓
Memory layout (slots x size)	2 x 8 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	512 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	SSD	Intel Virtualization Technology (VT-x)	✓
Total SSDs capacity	512 GB	Power	
Number of SSDs installed	1	AC adapter power	120 W
SSD capacity	512 GB	Weight & dimensions	
SSD interface	PCI Express	Width (with stand)	541.4 mm
NVMe	✓	Depth (with stand)	194.9 mm
SSD form factor	M.2	Height (with stand)	534.9 mm
Optical drive type *	✗	Weight (with stand)	6.16 kg
Graphics		Package width	652 mm
Discrete graphics card *	✗	Package depth	222 mm
Discrete graphics card model *	Not available	Package height	455 mm
On-board graphics card *	✓	Package weight	8.45 kg
On-board GPU manufacturer	Intel	Operational conditions	
On-board graphics card family	Intel Iris Xe Graphics	Operating temperature (T-T)	0 - 35 °C
On-board graphics card model *	Intel Iris Xe Graphics	Storage temperature (T-T)	-20 - 60 °C
Audio		Operating relative humidity (H-H)	0 - 85%
Built-in speaker(s) *	✓	Storage relative humidity (H-H)	0 - 90%
Number of speakers	2	Certificates	
RMS rated power	5 W	Certification	FCC, CB/CE, UL & CUL, VCCI, RCM
Audio chip	Realtek ALC256	Other features	
Audio system	DTS Audio	HDMI in	1
Camera			
Built-in camera *	✓		



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