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MSI Modern AM272P 12M-661FR Intel® Core™ i7 i7-1255U 68,6 cm (27") 1920 x 1080 pixels All-in-One PC 16 GB DDR4-SDRAM 512 GB SSD Windows 11 Pro Wi-Fi 6E (802.11ax) Black

Brand : MSI

Product family: Modern

Article code: MODERN AM272P 12M-661FR

Product name : Modern AM272P 12M-661FR

MSI Modern AM272P 12M-661FR. Product type: All-in-One PC. Display diagonal: 68,6 cm (27"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Panel type: IPS. Processor family: Intel® Core™ i7. 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: Black

Display

Display diagonal *	68.6 cm (27")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type *	Full HD
Display brightness	300 cd/m²
Panel type	IPS
Pixel pitch	0.3114 x 0.3114 mm
Anti-glare screen	✔
Tilt angle range	-4 - 20°

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-1255U
Processor cores	10
Processor boost frequency	4.7 GHz
Performance cores	2
Efficient cores	8
Performance-core Max Turbo Frequency	4.7 GHz
Efficient-core Max Turbo Frequency	3.5 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-down	12 W
Processor base power	15 W
Maximum turbo power	55 W

Memory

Internal memory *	16 GB

Audio

RMS rated power	5 W
Audio chip	Realtek ALC256

Camera

Built-in camera *	✔
Total megapixels	2 MP

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

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
Combo headphone/mic port	✔

Design

Product colour *	Black
Cable lock slot	✔
Cable lock slot type	Kensington
VESA mounting	✔

Memory

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
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
SSD interface	PCI Express 3.0
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

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

CPU configuration (max)	1

Power

AC adapter power	120 W

Weight & dimensions

Width (with stand)	611.8 mm
Depth (with stand)	194.7 mm
Height (with stand)	561.5 mm
Weight (with stand)	7.62 kg
Package width	712 mm
Package depth	200 mm
Package height	482 mm
Package weight	10.7 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(Class B), CB/CE, UL(CUL), BSMI, VCCI, RCM(C-Tick)

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