



MSI Modern AM242 12M-1629XDE Intel® Core™ i3 i3-1215U 60.5 cm (23.8") 1920 x 1080 pixels All-in-One PC 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Black

Brand : MSI

Product family: Modern

Product code: MODERN AM242 12M-1629XDE

Product name : Modern AM242 12M-1629XDE

- No OS
- Intel Core i3-1215U (10MB Cache)
- 60.5 cm (23.8") Full HD 1920 x 1080 IPS
- 8GB DDR4-SDRAM (1 x 8) & 256GB SSD

Intel Core i3-1215U (10MB Cache), 8GB DDR4-SDRAM, 256GB SSD, 60.5 cm (23.8") Full HD 1920 x 1080 IPS, Intel UHD Graphics, LAN, WLAN, Bluetooth, No OS

MSI Modern AM242 12M-1629XDE. 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™ i3. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Built-in camera. Product colour: Black



Display		Camera	
Display diagonal *	60.5 cm (23.8")	Built-in camera *	✓
Display resolution *	1920 x 1080 pixels	Camera resolution	1920 x 1080 pixels
Touchscreen *	✗	Camera HD type	Full HD
HD type *	Full HD	Network	
Native aspect ratio	16:9	Wi-Fi *	✓
Panel type	IPS	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Tilt adjustment	✓	WLAN controller manufacturer	Realtek
Tilt angle range	-5 - 15°	WLAN controller model	Realtek RTL8111H
Processor		Ethernet LAN *	✓
Processor manufacturer *	Intel	Bluetooth *	✓
Processor family *	Intel® Core™ i3	Bluetooth version	5.3
Processor generation	12th gen Intel® Core™ i3	Ports & interfaces	
Processor model *	i3-1215U	Ethernet LAN (RJ-45) ports	1
Processor cores	6	USB 2.0 ports quantity *	2
Processor threads	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Processor boost frequency	4.4 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2
Performance cores	2	HDMI ports quantity *	1
Efficient cores	4	Microphone in	✓
Performance-core Max Turbo Frequency	4.4 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.3 GHz	Design	
Processor cache	10 MB	Product colour *	Black
Processor cache type	Smart Cache	VESA mounting	✓
Configurable TDP-up frequency	2 GHz	Panel mounting interface	75 x 75 mm
Configurable TDP-up	15 W		
Configurable TDP-down	20 W		
Processor base power	15 W		

Processor		Performance	
Maximum turbo power	55 W	Product type *	All-in-One PC
Memory		Market positioning	Business
Internal memory *	8 GB	Motherboard chipset	Intel SoC
Internal memory type	DDR4-SDRAM	Windows Hello	✓
Memory slots	2	Software	
Memory slots type	SO-DIMM	Operating system installed *	✗
Memory layout (slots x size)	1 x 8 GB	Processor special features	
Memory form factor	DIMM/SO-DIMM	Intel Flex Memory Access	✓
Storage		Intel Trusted Execution Technology	✓
Total storage capacity *	256 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Storage media *	SSD	Intel Stable Image Platform Program (SIPP)	✗
Total SSDs capacity	256 GB	Intel Software Guard Extensions (Intel SGX)	✗
Number of SSDs installed	1	Execute Disable Bit	✓
SSD capacity	256 GB	Idle States	✓
SSD interface	PCI Express 3.0	CPU configuration (max)	1
NVMe	✓	Embedded options available	✗
SSD form factor	M.2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
M.2 SSD size	2280 (22 x 80 mm)	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Power	
Graphics		AC adapter power	120 W
Discrete graphics card *	✗	Weight & dimensions	
Discrete graphics card model *	Not available	Weight (with stand)	4.65 kg
On-board graphics card *	✓	Package weight	7.35 kg
On-board GPU manufacturer	Intel	Other features	
On-board graphics card family	Intel® UHD Graphics	Warranty period	2 year(s)
On-board graphics card model *	Intel® UHD Graphics		
Audio			
Built-in speaker(s) *	✓		



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