



MSI Pro AP242 12M-081EU Intel® Core™ i5 i5-12400 60,5 cm (23.8") 1920 x 1080 pixels All-in-One PC 8 GB DDR4-SDRAM 256 GB SSD Windows 11 Pro Wi-Fi 6 (802.11ax) Black

Brand : MSI

Product family: Pro

Article code: PRO AP242
12M-081EU

Product name : Pro AP242
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MSI Pro AP242 12M-081EU. 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™ i5, Processor frequency: 2,5 GHz. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 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		Network	
Display diagonal *	60.5 cm (23.8")	Ethernet LAN *	✓
Display resolution *	1920 x 1080 pixels	Ethernet LAN data rates	1000 Mbit/s
Touchscreen *	✗	Bluetooth *	✓
HD type *	Full HD	Bluetooth version	5.2
Native aspect ratio	16:9	Ports & interfaces	
Display brightness	250 cd/m²	Ethernet LAN (RJ-45) ports	1
Display surface	Matt	USB 2.0 ports quantity *	2
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Pixel pitch	0.2745 x 0.2745 mm	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Tilt adjustment	✓	HDMI ports quantity *	1
Tilt angle range	-5 - 20°	DisplayPorts quantity	1
Processor		Headphone outputs	1
Processor manufacturer *	Intel	Microphone in	✓
Processor family *	Intel® Core™ i5	Design	
Processor generation	12th gen Intel® Core™ i5	Product colour *	Black
Processor model *	i5-12400	Cable lock slot	✓
Processor cores	6	Cable lock slot type	Kensington
Processor boost frequency	4.4 GHz	Performance	
Processor frequency *	2.5 GHz	Product type *	All-in-One PC
Processor cache	18 MB	Market positioning	Business
Processor cache type	Smart Cache	Motherboard chipset	Intel H610
Bus type	DMI4	Software	
Processor base power	65 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	117 W		
Memory			
Internal memory *	8 GB		
Internal memory type	DDR4-SDRAM		

Memory		Processor special features	
Maximum internal memory *	64 GB	Enhanced Intel SpeedStep Technology	✓
Memory slots	2	Intel VT-x with Extended Page Tables (EPT)	✓
Memory slots type	SO-DIMM	Intel 64	✓
Memory clock speed	3200 MHz	Execute Disable Bit	✓
Memory layout (slots x size)	1 x 8 GB	Idle States	✓
Storage		CPU configuration (max)	1
Total storage capacity *	256 GB	Embedded options available	✗
Storage media *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total SSDs capacity	256 GB	Intel Virtualization Technology (VT-x)	✓
Number of SSDs installed	1	Power	
SSD capacity	256 GB	AC adapter power	120 W
SSD interface	PCI Express	Weight & dimensions	
NVMe	✓	Width (with stand)	541.9 mm
Optical drive type *	✗	Depth (with stand)	227.9 mm
Graphics		Height (with stand)	425.5 mm
Discrete graphics card *	✗	Weight (with stand)	4.63 kg
Discrete graphics card model *	Not available	Package width	640 mm
On-board graphics card *	✓	Package depth	243 mm
On-board GPU manufacturer	Intel	Package height	508 mm
On-board graphics card family	Intel Iris Xe Graphics	Package weight	8 kg
On-board graphics card model *	Intel Iris Xe Graphics	Operational conditions	
Audio		Operating temperature (T-T)	0 - 35 °C
Built-in speaker(s) *	✓	Storage temperature (T-T)	-20 - 60 °C
Number of speakers	2	Operating relative humidity (H-H)	0 - 85%
RMS rated power	6 W	Storage relative humidity (H-H)	0 - 90%
Built-in microphone	✓	Certificates	
Camera		Certification	FCC(Class B) CB/CE UL(CUL) BSMI
Built-in camera *	✓	Packaging content	
Network		Mouse included	✓
Wi-Fi *	✓	Keyboard included	✓
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
Wi-Fi standards	802.11a, 802.11ad, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)		
WLAN controller manufacturer	Intel		
WLAN controller model	Intel Wi-Fi 6 AX201		
Antenna type	2x2		



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Publication date: 31-DEC-2024. Prints or copies of Information are only valid on the printed Publication date