



MSI PRO A620M-B motherboard AMD A620 Socket AM5 micro ATX

Brand : MSI

Product code: PRO A620M-B

Product name : PRO A620M-B

Socket AM5, DDR5 Memory, 2 DIMMs, Dual Channel DDR5-6800+ MT/s (OC), 4x SATA, mATX

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The PRO Series is tailored to professionals from all walks of life. The lineup features impressive performance and high quality, while aiming to provide users incredible experience. Users who care about productivity and efficiency can definitely count on the MSI PRO Series to assist you with multitasking and increasing efficiency.

MSI PRO A620M-B. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express, SATA, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Maximum resolution: 3840 x 2160 pixels. USB connector type: USB Type-A



Processor		Internal I/O	
Processor manufacturer *	AMD	Number of COM connectors	1
Processor socket *	Socket AM5	TPM connector	✓
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	RGB LED pin header	✓
		Rear panel I/O ports	
Maximum number of SMP processors	1	USB 2.0 ports quantity *	2
Supported processor sockets	Socket AM5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum internal memory supported by processor	128 GB	Ethernet LAN (RJ-45) ports *	1
Memory		PS/2 ports quantity	2
Supported memory types *	DDR5-SDRAM	VGA (D-Sub) ports quantity *	1
Number of memory slots *	2	HDMI ports quantity *	1
Memory slots type	DIMM	HDMI version	2.1
Memory channels	Dual-channel	Headphone outputs	1
ECC compatibility	Non-ECC	Line-in	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800 MHz	Microphone in	✓
Supported memory clock speed (max)	6800 MHz	COM ports quantity	1
Maximum internal memory *	128 GB	USB connector type	USB Type-A
Storage controllers		Network	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2, PCI Express, SATA	Ethernet interface type	2.5 Gigabit Ethernet
Number of HDDs supported	4	LAN controller	Realtek RTL8111H, Realtek RTL8125-BG
Number of storage drives supported	5	Wi-Fi *	✗
RAID support	✓	Features	
RAID levels	0, 1, 10	Motherboard chipset *	AMD A620
Graphics		Audio chip	Realtek ALC897
On-board graphics card	✗	Audio output channels *	7.1 channels
Maximum resolution	3840 x 2160 pixels	Product colour	Black
Discrete graphics support	✓	Component for *	PC
Internal I/O		Motherboard form factor *	micro ATX
USB 2.0 connectors *	4	Motherboard chipset family *	AMD

Internal I/O		Features	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Cooling type	Active
Number of SATA III connectors *	4	Power source type	ATX
Total number of SATA connectors	4	Windows operating systems supported	Windows 10 x64, Windows 11 x64
ATX Power connector (24-pin)	✓	Expansion slots	
Power fan connector	✓	PCI Express x16 (Gen 3.x) slots	1
CPU fan connector	✓	PCI Express x16 (Gen 4.x) slots	1
Number of chassis fan connectors	1	Number of M.2 (M) slots	1
Chassis intrusion connector	✓	1st M.2 largest key size	2280
		1st M.2 highest PCI Express generation	4.0
		Weight & dimensions	
		Width	2115 mm
		Depth	243.8 mm
		Packaging content	
		Cables included	SATA



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