

ASUS PRIME A620AM-A-CSM AMD A620A Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1MY0-M0EAYC

Product name : PRIME A620AM-A-CSM

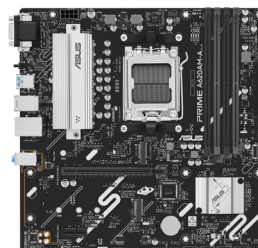
AMD Socket AM5, AMD A620A Chipset

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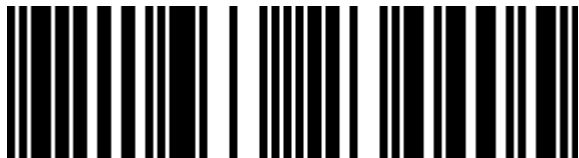
ASUS Prime series motherboards are expertly engineered to unleash the full potential of AMD Ryzen™ 9000 series processors. The PRIME A620AM-A-CSM motherboard provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features. It's designed to be Advanced AI PC-ready, offering the power and connectivity needed for demanding AI applications.

ASUS PRIME A620AM-A-CSM. 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: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: Gigabit Ethernet. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 2.0 ports quantity *	4
Processor socket *	Socket AM5	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM5	PS/2 ports quantity	1
Memory		VGA (D-Sub) ports quantity *	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	DisplayPorts quantity	1
Memory slots type	DIMM	Network	
Memory channels	Dual-channel	Ethernet LAN	✓
ECC compatibility	ECC & Non-ECC	Ethernet interface type	Gigabit Ethernet
Maximum internal memory *	256 GB	Wi-Fi *	✗
Unbuffered memory	✓	Features	
Storage controllers		Motherboard chipset *	AMD A620A
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	micro ATX
Number of storage drives supported	6	Motherboard chipset family *	AMD
RAID support	✓	Windows operating systems supported	Windows 10 x64, Windows 11
RAID levels	0, 1, 5, 10	Expansion slots	
Graphics		PCI Express x1 (Gen 3.x) slots	1
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 4.x) slots	1
Internal I/O		Number of M.2 (M) slots	2
USB 2.0 connectors *	2	1st M.2 largest key size	2280
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	1st M.2 highest PCI Express generation	4.0
		2nd M.2 largest key size	2280

Internal I/O		Expansion slots	
Number of SATA III connectors *	4	2nd M.2 highest PCI Express generation	4.0
S/DPDIF out connector	✓	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
Front panel connector	✓	BIOS memory size	256 Mbit
ATX Power connector (24-pin)	✓	Packaging data	
CPU fan connector	✓	Package width	275 mm
Number of CPU fan connectors	1	Package depth	275 mm
Number of chassis fan connectors	2	Package height	67.5 mm
EPS power connector (8-pin)	✓	Package weight	1.1 kg
Number of COM connectors	1	Weight & dimensions	
TPM connector	✓	Width	244 mm
12V power connector	✓	Depth	244 mm
RGB LED pin header	✓	Packaging content	
Number of RGB LED pin headers	3	Cables included	SATA
		Screws included	✓



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Catalog Object Cloud



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