

## ASUS PRIME A620M-E-CSM AMD A620 Socket AM5 micro ATX

**Brand :** ASUS

**Product code:** 90MB1F50-M0EAYC

**Product name :** PRIME A620M-E-CSM

- AMD AM5 Socket: Ready for AMD Ryzen™ 7000 Series Desktop Processors
  - Ultrafast Connectivity: PCIe 4.0, 64Gbps M.2 slot, Realtek 1Gb Ethernet, USB 3.2 Gen 1 Type-A
  - Comprehensive Cooling: PCH heatsink, hybrid fan headers and Fan Xpert 2+
  - Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
  - Two-way AI Noise Cancellation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences
  - ASUS Control Center Express: Real-time IT monitoring and management software for enhanced data protection
- Prime A620M-E-CSM Mainboard Socket AMD A620 (Ryzen 7000, micro-ATX, DDR5 memory, PCIe 4.0, BIOS Flashback, USB 3.2 Gen 2, Aura Sync)



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 2.0 ports quantity *	4
Processor socket *	Socket AM5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Compatible processor series *	AMD Ryzen 7000 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 *	2	HDMI version	2.1
Memory slots type	DIMM	DisplayPorts quantity	1
Memory channels	Dual-channel	DisplayPort version	1.4
ECC compatibility	Non-ECC	Headphone outputs	1
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Line-in	✓
Supported memory clock speed (max)	6400 MHz	Microphone in	✓
Maximum internal memory *	96 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✗
Supported storage drive interfaces *	M.2, SATA III	Features	
Number of HDDs supported	4	Motherboard chipset *	AMD A620
Number of storage drives supported	5	Audio output channels *	7.1 channels
RAID support	✓	Component for *	PC
RAID levels	0, 1, 10	Motherboard form factor *	micro ATX
Graphics		Motherboard chipset family *	AMD
Parallel processing technology support *	Not supported	Cooling type	Passive
Internal I/O		Power source type	ATX
USB 2.0 connectors *	2	Windows operating systems supported	Windows 10, Windows 11
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x1 (Gen 3.x) slots	2
S/PDIF out connector	✓	PCI Express x16 (Gen 4.x) slots	1
Front panel audio connector	✓	Number of M.2 (M) slots	1

Internal I/O		BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of chassis fan connectors	2	Packaging data	
EPS power connector (8-pin)	✓	Package width	260 mm
Number of COM connectors	1	Package depth	270 mm
TPM connector	✓	Package height	51.5 mm
12V power connector	✓	Package weight	940 g
RGB LED pin header	✓	Weight & dimensions	
		Width	226 mm
		Depth	221 mm
		Packaging content	
		Cables included	SATA
		User guide	✓



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