

ASUS PRIME A620M-K AMD A620 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1F40-M0EAY0

Product name : PRIME A620M-K

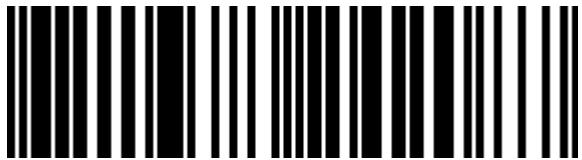
- AMD AM5 Socket: Ready for AMD Ryzen™ 7000 Series Desktop Processors
- Ultrafast Connectivity: PCIe 4.0, 64Gbps M.2 slot, Realtek 1Gb Ethernet, USB 3.2 Gen 1 Type-A
- Comprehensive Cooling: PCH heatsink and Fan Xpert
- Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
- Two-way AI Noise Cancelation: Reduces background noise from the microphone and audio output for crystal-clear communication in games or video conferences

AMD A620, AM5, 2 x DIMM DDR5, Gigabit Ethernet, 256 Mb Flash ROM, UEFI AMI BIOS, micro-ATX



Processor		Internal I/O	
Processor manufacturer *	AMD	12V power connector	✓
Processor socket *	Socket AM5		
Compatible processor series *	AMD Ryzen 7000 Series		
Supported processor sockets	Socket AM5		
Memory		Rear panel I/O ports	
Supported memory types *	DDR5-SDRAM	USB 2.0 ports quantity *	2
Number of memory slots *	2	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Memory channels	Dual-channel	Ethernet LAN (RJ-45) ports *	1
ECC compatibility	Non-ECC	PS/2 ports quantity	1
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	VGA (D-Sub) ports quantity *	1
Maximum internal memory *	96 GB	HDMI ports quantity *	1
Unbuffered memory	✓		
Storage controllers		Network	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2, SATA III	Ethernet interface type	Fast Ethernet, Gigabit Ethernet
Number of HDDs supported	4	Wi-Fi *	✗
Number of storage drives supported	5		
Internal I/O		Features	
USB 2.0 connectors *	2	Motherboard chipset *	AMD A620
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Audio output channels *	7.1 channels
Number of SATA III connectors *	4	Component for *	PC
S/PDIF out connector	✓	Motherboard form factor *	micro ATX
Front panel audio connector	✓	Motherboard chipset family *	AMD
ATX Power connector (24-pin)	✓	Windows operating systems supported	Windows 10 x64, Windows 11
CPU fan connector	✓		
Number of chassis fan connectors	1	Expansion slots	
EPS power connector (8-pin)	✓	PCI Express x1 (Gen 3.x) slots	1
		Number of M.2 (M) slots	1
BIOS		BIOS	
		BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit

Internal I/O		Packaging data	
Number of COM connectors	1	Package width	260 mm
TPM connector	✓	Package depth	270 mm
		Package height	51.5 mm
		Package weight	920 g
Weight & dimensions			
		Width	226 mm
		Depth	221 mm



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