

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 Cancellation: 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



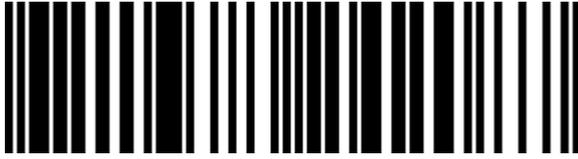
Processor		Internal I/O	
Processor manufacturer *	AMD	12V power connector	✓
Processor socket *	Socket AM5	Rear panel I/O ports	
Compatible processor series *	AMD Ryzen 5 7th Gen, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	USB 2.0 ports quantity *	2
Supported processor sockets	Socket AM5	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Memory		Ethernet LAN (RJ-45) ports *	1
Supported memory types *	DDR5-SDRAM	PS/2 ports quantity	1
Number of memory slots *	2	VGA (D-Sub) ports quantity *	1
Memory channels	Dual-channel	HDMI ports quantity *	1
Non-ECC	✓	Network	
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Ethernet LAN	✓
Maximum internal memory *	96 GB	Ethernet interface type	Fast Ethernet, Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✗
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD A620
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
Number of HDDs supported	4	Component for *	PC
Number of storage drives supported	5	Motherboard form factor *	micro ATX
Internal I/O		Motherboard chipset family *	AMD
USB 2.0 connectors *	2	Windows operating systems supported	Windows 10 x64, 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	1
S/PDIF out connector	✓	Number of M.2 (M) slots	1
Front panel audio connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
CPU fan connector	✓	BIOS memory size	256 Mbit
Number of chassis fan connectors	1	Packaging data	
EPS power connector (8-pin)	✓	Package width	260 mm
Number of COM connectors	1	Package depth	270 mm
TPM connector	✓		

Packaging data

Package height	51.5 mm
Package weight	920 g

Weight & dimensions

Width	226 mm
Depth	221 mm



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