

ASUS PRIME A520M-R AMD A520 Socket AM4 micro ATX

Brand : ASUS

Product code: 90MB1H60-M0EAY0

Product name : PRIME A520M-R



- AMD AM4 Socket: Ready for AMD Ryzen 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series/ 3000 G-Series Desktop Processors

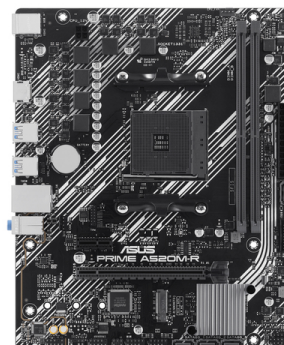
- Ultrafast Connectivity: M.2 support, 1Gb Ethernet, rear and front USB 5Gbps support

- Comprehensive Cooling: PCH heatsink and Fan Xpert

- 5X Protection III: Multiple hardware safeguards for all-around system protection

AMD A520 (Ryzen AM4) micro-ATX motherboard with M.2 support, Realtek 1Gb Ethernet, HDMI, SATA 6 Gbps, rear and front USB 5Gbps support

ASUS PRIME A520M-R. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen 3000 Series, AMD Ryzen 5000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 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 *	2
Processor socket *	Socket AM4	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM4	PS/2 ports quantity	2
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC compatibility Supported memory clock speeds Supported memory clock speed (max) Maximum internal memory * Unbuffered memory	DDR5-SDRAM	HDMI ports quantity *	1
	2	HDMI version	2.1
	DIMM	Headphone outputs	1
	Dual-channel	Line-in	✓
	ECC	Microphone in	✓
	2133, 2400, 2666, 2800, 2933, 3000, 3200, 3333, 3400, 3466, 3600, 3733, 3866, 4000, 4133, 4200, 4266, 4333, 4400, 4466, 4600, 4666, 4866, 5100		
	MHz		
	5100 MHz		
Storage controllers		Network	
Supported storage drive types	HDD & SSD	Ethernet LAN	✓
Supported storage drive interfaces *	M.2, SATA III	Ethernet interface type	Gigabit Ethernet
Number of HDDs supported	4	Wi-Fi *	✗
Number of storage drives supported	5	Top Wi-Fi standard	Not available
RAID support	✓	Features	
RAID levels	0, 1, 10	Motherboard chipset *	AMD A520
Graphics		Audio output channels *	7.1 channels
Parallel processing technology support *	Not supported	Product colour	Black
Internal I/O		Component for *	PC
USB 2.0 connectors *	2	Motherboard form factor *	micro ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Motherboard chipset family *	AMD
Number of SATA III connectors *	4	Cooling type	Passive
Front panel audio connector	✓	Power source type	ATX
ATX Power connector (24-pin)	✓	Windows operating systems supported	Windows 10, Windows 11
CPU fan connector	✓	Expansion slots	
Number of chassis fan connectors	1	PCI Express x1 (Gen 3.x) slots	1
		PCI Express x16 (Gen 3.x) slots	1
		Number of M.2 (M) slots	1

Internal I/O		BIOS	
Peripheral (Molex) power connectors (4-pin)	1	BIOS type *	UEFI AMI
Number of COM connectors	1	BIOS memory size	128 Mbit
TPM connector	✓	Packaging data	
12V power connector	✓	Package width	270 mm
		Package depth	263 mm
		Package height	51.5 mm
		Package weight	880 g
		Weight & dimensions	
		Width	236 mm
		Depth	193 mm
		Packaging content	
		Cables included	SATA



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Catalog Object Cloud



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