

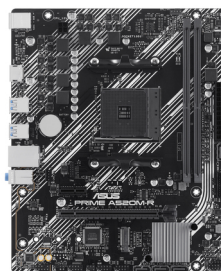
## ASUS PRIME A520M-R AMD A520 Socket AM4 micro ATX

**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



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™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM4	PS/2 ports quantity	2
<b>Memory</b> Supported memory types * Number of memory slots * Memory slots type Memory channels ECC 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	✓
	✓	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	<b>Network</b>	
	5100 MHz	Ethernet LAN	✓
Maximum internal memory *	64 GB	Ethernet interface type	Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✗
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD A520
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
Number of HDDs supported	4	Product colour	Black
Number of storage drives supported	5	Component for *	PC
RAID support	✓	Motherboard form factor *	micro ATX
RAID levels	0, 1, 10	Motherboard chipset family *	AMD
Graphics		Cooling type	Passive
Parallel processing technology support *	Not supported	Power source type	ATX
Internal I/O		Windows operating systems supported	Windows 10, Windows 11
USB 2.0 connectors *	2	Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express x1 (Gen 3.x) slots	1
Number of SATA III connectors *	4	PCI Express x16 (Gen 3.x) slots	1
Front panel audio connector	✓	Number of M.2 (M) slots	1
ATX Power connector (24-pin)	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Number of chassis fan connectors	1		
Peripheral (Molex) power connectors (4-pin)	1		

Internal I/O		BIOS	
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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