



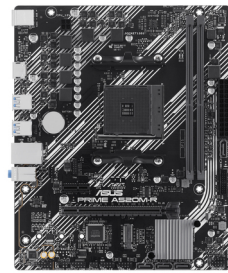
ASUS PRIME A520M-R AMD A520 Socket AM4 micro ATX

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