

ASUS PRIME A520M-K AMD A520 Socket AM4 micro ATX

Brand : ASUS

Product code: 90MB1500-M0EAY0

Product name : PRIME A520M-K

- AMD AM4 socket: Ready for Ryzen™ 5000 Series/ 4000 G-Series/ 3000 Series Desktop Processors
 - Comprehensive cooling: PCH heatsink and Fan Xpert
 - Ultrafast connectivity: M.2 support, 1 Gb Ethernet, USB 3.2 Gen 1 Type-A
 - 5X Protection III: Multiple hardware safeguards for all-around system protection
 mATX, Socket AM4, AMD A520 chipset, 2x DIMM DDR4, 7.1 ch audio, UEFI AMI BIOS
 ASUS PRIME A520M-K. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7. Supported memory types: DDR4-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. USB connector type: USB Type-A. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111H



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	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	Socket AM4	PS/2 ports quantity	1
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC Supported memory clock speeds Maximum internal memory * Unbuffered memory	DDR4-SDRAM	VGA (D-Sub) ports quantity *	1
	2	HDMI ports quantity *	1
	DIMM	HDMI version	2.1
	Dual-channel	Headphone outputs	3
	✓	Microphone in	✓
	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,3866,4000,4133,4200,4266,4333,4400,4466,4600,4866	USB connector type	USB Type-A
	64 GB		
	✓		
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 storage drives supported	5	LAN controller	Realtek RTL8111H
RAID support	✓	Wake-on-LAN ready	✓
RAID levels	0, 1, 10	Wi-Fi *	✗
Graphics		Features	
Parallel processing technology support *	Not supported	Motherboard chipset *	AMD A520
Internal I/O		Audio chip	Realtek ALC887 / Realtek ALC897
USB 2.0 connectors *	2	Audio output channels *	7.1 channels
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Component for *	PC
Number of SATA III connectors *	4	Motherboard form factor *	micro ATX
S/PDIF out connector	✓	Motherboard chipset family *	AMD
Front panel audio connector	✓	Windows operating systems supported	Windows 10 x64, Windows 11
ATX Power connector (24-pin)	✓	Expansion slots	
Number of EATX power connectors	2	PCI Express x1 (Gen 3.x) slots	2
CPU fan connector	✓	PCI Express x16 (Gen 3.x) slots	1
Number of chassis fan connectors	1	Number of M.2 (M) slots	1
Number of COM connectors	1		
TPM connector	✓		

Internal I/O		BIOS	
12V power connector	✓	BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit
		Clear CMOS jumper	✓
Logistics data			
		Harmonized System (HS) code	84733020
Weight & dimensions			
		Width	226 mm
		Depth	221 mm
Packaging content			
		Cables included	SATA



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