

ASUS PRIME A520M-E/CSM AMD A520 Socket AM4 micro ATX

Brand : ASUS

Product code: 90MB1510-M0EAYC

Product name : PRIME A520M-E/CSM

- 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 2 Type-A
 - 5X Protection III: Multiple hardware safeguards for all-around system protection
 AMD A520, AMD AM4, 2 x DIMM, Max. 64GB, DDR4, 256 Mb Flash ROM, UEFI AMI BIOS, mATX
 ASUS PRIME A520M-E/CSM. 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. Ethernet interface type: Fast Ethernet, Gigabit Ethernet, LAN controller: Realtek RTL8111H. Component for: PC, Motherboard form factor: micro ATX, Motherboard chipset family: AMD



Processor		Internal I/O	
Processor manufacturer *	AMD	Number of COM connectors	1
Processor socket *	Socket AM4	TPM connector	✓
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7	Rear panel I/O ports	
Memory		USB 2.0 ports quantity *	2
Supported memory types *	DDR4-SDRAM	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Number of memory slots *	2	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
Memory slots type	DIMM	Ethernet LAN (RJ-45) ports *	1
Memory channels	Dual-channel	PS/2 ports quantity	1
ECC compatibility	ECC	VGA (D-Sub) ports quantity *	1
Supported memory clock speeds MHz	2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,3866,4000,4133,4200,4266,4333,4400,4466,4600,4866	HDMI ports quantity *	1
Maximum internal memory *	64 GB	DVI-D ports quantity *	1
Unbuffered memory	✓	Network	
Storage controllers		Ethernet LAN	✓
Supported storage drive types	HDD & SSD	Ethernet interface type	Fast Ethernet, Gigabit Ethernet
Supported storage drive interfaces *	M.2, SATA III	LAN controller	Realtek RTL8111H
Number of HDDs supported	4	Wi-Fi *	✗
Number of storage drives supported	5	Features	
RAID support	✓	Motherboard chipset *	AMD A520
RAID levels	0, 1, 10	Audio output channels *	7.1 channels
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		
Number of SATA III connectors *	4		
S/PDIF out connector	✓		
Front panel audio connector	✓		

Internal I/O		Features	
ATX Power connector (24-pin)	✓	Motherboard chipset family *	AMD
CPU fan connector	✓	Windows operating systems supported	Windows 10 x64
Number of chassis fan connectors	1	Expansion slots	
EPS power connector (8-pin)	✓	PCI Express x1 (Gen 3.x) slots	2
		Number of M.2 (M) slots	1
		BIOS	
		BIOS type *	UEFI AMI
		BIOS memory size	256 Mbit
		Weight & dimensions	
		Width	226 mm
		Depth	221 mm



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