

ASUS PRIME A520M-R AM4 micro ATX Motherboard

Sale Price: 8700.0



PRODUCT ID: 0011590

Basic Information

Supported CPU	AMD Socket AM4 for AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series/ 3000 G-Series Desktop Processors
Chipset	A520
BIOS	128 Mb Flash ROM, UEFI AMI BIOS
Form Factor	micro-ATX Form Factor 9.3 inch x 7.6 inch (23.6 cm x 19.3 cm)
Audio	Realtek 7.1 Surround Sound High Definition Audio CODEC* - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - Supports up to 24-Bit/192 kHz playback Audio Features: - Audio Shielding - Premium audio capacitors - Dedicated audio PCB layers * A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.

Expansion Slots

PCI	AMD Ryzen 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series/ 3000 G-Series Desktop Processors 1 x PCIe 3.0 x16 slot (supports x16 mode) AMD A520 Chipset 1 x PCIe 3.0 x1 slot
M.2 Socket	Supports 1 x M.2

Memory

Type	DDR4
Slots	2 x DIMM
Supported Memory	DDR4 5100(OC)/ 4866(OC)/ 4666(OC)/ 4600(OC)/ 4466(OC)/ 4400(OC)/ 4333(OC)/ 4266(OC)/ 4200(OC)/ 4133(OC)/ 4000(OC)/ 3866(OC)/ 3733(OC)/ 3600(OC)/ 3466(OC)/ 3400(OC)/ 3333(OC)/ 3200/ 3000/ 2933/ 2800/ 2666/ 2400/ 2133, Un-buffered Memory* Dual channel memory architecture * ECC memory (ECC mode) support varies by CPU
Maximum Memory	64GB

Information

Graphics

Graphics	1 x HDMI port**
	* Graphics specifications may vary between CPU types

Connector & Ports

HDMI	1 x HDMI
USB (s)	Rear USB (Total 6 ports) 4 x USB 5Gbps ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) Front USB (Total 6 ports) 1 x USB 5Gbps header supports 2 additional USB 5Gbps ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports
LAN Port (s)	1 x Realtek 1Gb Ethernet ASUS LANGuard
Supported Storage	1 x M.2 slot (Key M) 4 x SATA 6Gb/s ports M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes)
Audio	3 x Audio jacks
Internal I/O Ports	Fan and Cooling Related 1 x 4-pin CPU Fan header 1 x 4-pin Chassis Fan header Power Related 1 x 24-pin Main Power connector 1 x 4-pin +12V Power connector Storage Related 1 x M.2 slot (Key M) 4 x SATA 6Gb/s ports USB 1 x USB 5Gbps header supports 2 additional USB 5Gbps ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports Miscellaneous 1 x Clear CMOS header 1 x COM Port header 1 x Front Panel Audio header (F_AUDIO) 1 x S/PDIF Out header 1 x Speaker header 1 x SPI TPM header (14-1pin) 1 x 10-1 pin System Panel header
TPM (Trusted Platform Module)	1 x SPI TPM header (14-1pin)

Others

Information

Special	ASUS 5X PROTECTION III
Features	- DIGI+ VRM - LANGuard - Overvoltage protection - SafeSlot Core - Stainless-steel back I/O
	ASUS Q-Design
	- Q-DIMM - Q-LED Core - Q-Slot
	ASUS Thermal Solution
	- Aluminum heatsink design

Bundled	ASUS Exclusive Software
Software	Armoury Crate
	AI Suite 3
	- Performance And Power Saving Utility
	TurboV EVO
	EPU
	DIGI+ VRM
	Fan Xpert
	- EZ update - PC Cleaner
	ASUS CPU-Z
	Norton 360 Deluxe (60 Days Free Trial)
	WinRAR (40 Days Free Trial)
	UEFI BIOS
	ASUS EZ DIY
	- ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode

Warranty Information

Manufacturing Warranty	03-Year Warranty
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