



- **Model Name:** PRIME A520M-K
- **ETA:** In Stock
- **Web Link:** TBD
- **MSRP:** \$75.99
- **Part Number:** 90MB1500-M0AAY0
- **UPC Code:** 192876826935
- **Box Dimension:** 10.23 x 10.63 x 2.03 inch
- **Gross Weight:** 1.95 lb
- **Quantity per Carton:** 10 pcs
- **Quantity per Pallet:** 560pcs
- **Warranty:** 3 Years

Prices and product availability are subject to change without notice due to unforeseen tariff impact and other factors.
All specials prices and promotions limited to stock on hand.

< Product Specification Summary >

1. **AMD AM4 Socket:** Design for 3rd Gen AMD Ryzen™ and 3rd Gen AMD Ryzen™ with Radeon™ Graphics Processors
2. **Ultrafast Connectivity:** M.2 support, 1 Gb Ethernet, USB 3.2 Gen 1 Type-A, HDMI2.1 4K@60HZ, Display port 1.2
3. **Comprehensive Cooling:** PCH heatsink, hybrid fan headers and Fan Xpert 2 utility
4. **5X Protection III:** all-round protection with LANGuard, DRAM overcurrent protection, overvoltage protection, SafeSlot Core safeguards and stainless-steel back I/O

PRIME A520M-K_One Page Spec

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CPU	AMD Socket AM4 for 3rd Gen AMD Ryzen™ and 3rd Gen AMD Ryzen™ with Radeon™ Graphics Processors* *Refer to www.asus.com for CPU support list.
Chipset	AMD A520 Chipset
Memory	2 x DIMM, Max. 64GB, DDR4 4600(O.C.)/4400(O.C.)/4000(O.C.)/3866(O.C.)/3733(O.C.)/3600(O.C.)/3466(O.C.)/3333(O.C.)/3200/3000/2800/2666/2400/2133 MHz, Un-buffered Memory* Dual Channel Memory Architecture *ECC memory(ECC mode) support varies by CPU. *Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).
Graphics	1 x D-Sub 1 x HDMI™ 2.1(4K@60HZ)
Expansion Slots	3rd Gen AMD Ryzen™ and 3rd Gen AMD Ryzen™ with Radeon™ Graphics Processors 1 x PCIe 3.0 x16 slot (supports x16 mode) AMD A520 Chipset 2 x PCIe 3.0 x1 slots
Storage	Total supports 1 x M.2 slot and 4 x SATA 6Gb/s ports 3rd Gen AMD Ryzen™ and 3rd Gen AMD Ryzen™ with Radeon™ Graphics Processors M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes) AMD A520 Chipset 4 x SATA 6Gb/s ports Support RAID 0, 1, 10
Ethernet	1 x Realtek RTL8111H 1Gb Ethernet
USB	Rear USB (Total 6 ports) 4 x USB 3.2 Gen 1 ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) Front USB (Total 6 ports) 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports 2 x USB 2.0 headers support additional 4 USB 2.0 ports
Audio	Realtek ALC887 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 - 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.

Back Panel I/O Ports	4 x USB 3.2 Gen 1 ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) 1 x D-Sub port 1 x HDMI™ port 1 x Realtek RTL8111H 1Gb Ethernet port 3 x Audio jacks 1 x PS/2 Keyboard/Mouse combo port
Internal I/O Connectors	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 8-pin +12V Power connector Storage related 1 x M.2 slot (Key M) 4 x SATA 6Gb/s ports USB 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports 2 x USB 2.0 headers support additional 4 USB 2.0 ports Miscellaneous 1 x Clear CMOS header 1 x COM Port header 1 x Front Panel Audio header (AAFP) 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
Special Features	ASUS 5X PROTECTION III - ASUS DIGI+ VRM - ASUS LANGuard - ASUS Overvoltage Protection - ASUS SafeSlot Core - ASUS Stainless-Steel Back I/O ASUS Q-Design - ASUS Q-DIMM - ASUS Q-Slot ASUS Thermal Solution

Software Features	ASUS Exclusive Software Armoury Crate AI Suite 3 - Performance and Power Saving Utility TurboV EVO EPU Digi+ VRM Fan Xpert - EZ update ASUS CPU-Z AI Charger DAEMON Tools Norton Anti-virus software (Free Trial for 60 days) WinRAR UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode
BIOS	256 Mb Flash ROM, UEFI AMI BIOS
Manageability	WOL by PME, PXE
Accessories	Cables 2 x SATA 6Gb/s cables Miscellaneous 1 x I/O Shield 1 x M.2 SSD screw package Installation Media 1 x Support DVD Documentation 1 x User manual
Operating System	Windows 10 - 64 bit
Form Factor	mATX Form Factor 8.9 inch x 8.7 inch (22.6 cm x 22.1 cm)