

## ASUS TUF GAMING A520M-PLUS WIFI AMD A520 Socket AM4 micro ATX

**Brand :** ASUS

**Product code:** 90MB17F0-M0EAY0

**Product name :** TUF GAMING A520M-PLUS WIFI



- AMD AM4 socket: Ready for Ryzen™ 5000 Series/ 4000 G-Series/ 3000 Series Desktop Processors
  - Comprehensive cooling: Large VRM heatsink, PCH heatsink, Fan Xpert 2+
  - Made for online gaming: 802.11ac Wi-Fi, TUF LANGuard and TurboLAN technology
  - Aura Sync RGB: Onboard RGB headers and addressable Gen 2 headers for RGB LED strips, easily synced with Aura Sync-capable hardware
- microATX, AMD A520 chipset, Socket AM4, 4xDDR4 DIMM slots, 7.1ch audio, Gigabit LAN, Wi-Fi, Bluetooth

ASUS TUF GAMING A520M-PLUS WIFI. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD Ryzen 3000 Series, AMD Ryzen 5000 Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, PCI Express 3.0, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 10. Maximum resolution: 3840 x 2160 pixels. USB connector type: USB Type-A

Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	VGA (D-Sub) ports quantity *	1
Processor socket *	Socket AM4	HDMI ports quantity *	1
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series	HDMI version	2.1
Supported processor sockets	Socket AM4	DisplayPorts quantity	1
		DisplayPort version	1.2
		Headphone outputs	3
		Microphone in	✓
		WiFi-AP antenna jack	1
		USB connector type	USB Type-A
Memory		Network	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	Wake-on-LAN ready	✓
Memory channels	Dual-channel	Wi-Fi *	✓
ECC compatibility	ECC	Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3333,3466,3600,3733,3866,4000,4133,4266,4400,4466,4600,4800	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Maximum internal memory *	128 GB	WLAN controller model	Realtek RTL8821CE
Unbuffered memory	✓	Bluetooth	✓
		Bluetooth version	5.0
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	AMD A520
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	Audio chip	Realtek ALC887 / Realtek ALC897
Number of storage drives supported	5	Audio output channels *	7.1 channels
RAID levels	0, 1, 10	Component for *	PC
		Motherboard form factor *	micro ATX
		Motherboard chipset family *	AMD
Graphics			
Parallel processing technology support *	Not supported		
Maximum resolution	3840 x 2160 pixels		
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		
S/PDIF out connector	✓		
Front panel audio connector	✓		
ATX Power connector (24-pin)	✓		

Internal I/O		Features	
CPU fan connector	✓	Windows operating systems supported	Windows 10 x64
Number of chassis fan connectors	2	<b>Expansion slots</b>	
EPS power connector (8-pin)	✓	PCI Express x1 (Gen 3.x) slots	2
Number of COM connectors	1	PCI Express x16 (Gen 3.x) slots	1
TPM connector	✓	Number of M.2 (M) slots	1
12V power connector	✓	<b>BIOS</b>	
RGB LED pin header	✓	BIOS type *	UEFI AMI
<b>Rear panel I/O ports</b>		BIOS memory size	128 Mbit
USB 2.0 ports quantity *	2	Clear CMOS jumper	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	<b>Logistics data</b>	
Ethernet LAN (RJ-45) ports *	1	Harmonized System (HS) code	84733020
PS/2 ports quantity	1	<b>Weight &amp; dimensions</b>	
		Width	244 mm
		Depth	244 mm
		Height	67 mm
		<b>Packaging content</b>	
		Cables included	SATA
		Drivers included	✓
		<b>Other features</b>	
		Weight	900 g



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