ASUS

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

Brand : ASUS

Product code: 90MB17F0-M0EAY0
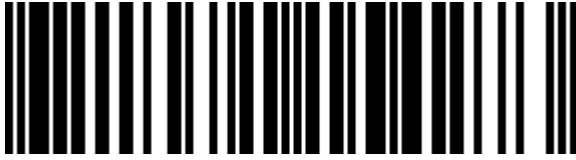
Product name : TUF GAMING A520M-PLUS WIFI

- 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™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen. 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

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, AMD Ryzen 9 5th Gen
Supported processor sockets	Socket AM4

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	✓
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3333,3466,3600,3733,3866,4000,4133,4266,4400,4466,4600,4800 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III
Number of storage drives supported	5
RAID levels	0, 1, 10

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)	✓
CPU fan connector	✓
Number of chassis fan connectors	2
EPS power connector (8-pin)	✓

Rear panel I/O ports

VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone outputs	3
Microphone in	✓
WiFi-AP antenna jack	1
USB connector type	USB Type-A

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wake-on-LAN ready	✓
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
WLAN controller model	Realtek RTL8821CE
Bluetooth	✓
Bluetooth version	5.0

Features

Motherboard chipset *	AMD A520
Audio chip	Realtek ALC887 / Realtek ALC897
Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Windows operating systems supported	Windows 10 x64

Expansion slots

PCI Express x1 (Gen 3.x) slots	2
PCI Express x16 (Gen 3.x) slots	1

Internal I/O

Number of COM connectors	1
TPM connector	✓
12V power connector	✓
RGB LED pin header	✓

Rear panel I/O ports

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1

Expansion slots

Number of M.2 (M) slots	1

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
Clear CMOS jumper	✓

Logistics data

Harmonized System (HS) code	84733020

Weight & dimensions

Width	244 mm
Depth	244 mm
Height	67 mm

Packaging content

Cables included	SATA
Drivers included	✓

Other features

Weight	900 g

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