

Asus TUF GAMING B450M-PLUS II desktop alaplap microATX



AMD, B450, sAM4, 4db, 4400MHz, DDR4, PCI-E x16: 1db, PCIe x8: 1db, PCIe x4: 2db, PCIe x1: 1db, SATA3: 6db, M.2: 1db, 1Gb/s, DVI, HDMI kimenet, világítás: RGB

Cikkszám: TUF GAMING B450M-PLUS II

Ár:

40 140 Ft

Garancia: 3 Év

- CPU
AMD AM4 Socket for 3rd/2nd/1st Gen AMD Ryzen™/2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics/Athlon™ with Radeon™ Vega Graphics Processors *
* Refer to www.asus.com for CPU support list
- Chipset
AMD B450
- Memory
3rd/2nd/1st Gen AMD Ryzen™ / 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors
4 x DIMM, Max. 128GB, DDR4
4400(O.C.)/4000(O.C.)/3866(O.C.)/3733(O.C.)/3600(O.C.)/3533(O.C.)/3466(O.C.)/3400(O.C.)/3200(O.C.)/3000(O.C.)/2800(O.C.)/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).
* The maximum memory frequency supported varies by processor.
- Graphic
Integrated Graphics in the 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors
1 x HDMI 2.0b
1 x DVI-D
*Graphics specifications may vary between CPU types.
- Multi-GPU Support
Supports AMD 2-Way CrossFireX Technology
- Expansion Slots
3rd/2nd/1st Gen AMD Ryzen™ Processors
1 x PCIe 3.0/2.0 x16 (x16 mode)
2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors
1 x PCIe 3.0/2.0 x16 (x8 mode)
Athlon™ with Radeon™ Vega Graphics Processors
1 x PCIe 3.0/2.0 x16 (max at x4 mode)
AMD B450 chipset
1 x PCIe 2.0 x16 (x4 mode)
1 x PCIe 2.0 x1
- Storage
Total supports 1 x M.2 slot(s) and 6 x SATA 6Gb/s ports
3rd/2nd/1st Gen AMD Ryzen™ / 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics :
1 x M.2 Socket 3, with M Key, Type 2242/2260/2280/22110(PCI-E 3.0 x4 and SATA modes) storage devices support*¹
Athlon™ with Radeon™ Vega Graphics Processors :
1 x M.2 Socket 3, with M key, type 2242/2260/2280/22110 storage devices support (SATA mode)*¹
3rd/2nd/1st Gen AMD Ryzen™ / 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors :
2 x SATA 6Gb/s port(s),
Support Raid 0, 1, 10
AMD B450 chipset :
4 x SATA 6Gb/s port(s),
Support Raid 0, 1, 10
- LAN
Realtek RTL8111H 1Gb Ethernet
TUF LANGuard
- Audio
Realtek ALC887 7.1 Surround Sound High Definition Audio CODEC
- Supports : Jack-detection, Multi-streaming, Front Panel Jack-retasking, up to 24-Bit/192kHz playback

Audio Feature :

- Exclusive DTS Custom for GAMING Headsets.
- Audio cover
- Audio Shielding
- Dedicated audio PCB layers
- Premium Japanese audio capacitors

• USB Ports**Rear USB Port (Total 6)**

- 1 x USB 3.2 Gen 2 port(s)(1 x Type-A)
- 3 x USB 3.2 Gen 1 port(s)(2 x Type-A +1 x Type-C)
- 2 x USB 2.0 port(s)(2 x Type-A)

Front USB Port (Total 6)

- 2 x USB 3.2 Gen 1 port(s)(2 x Type-A)
- 4 x USB 2.0 port(s)(4 x Type-A)

• Software Features

ASUS Exclusive Software

Armoury Crate

- Aura Creator
- Aura Sync
- AI Noise-Canceling Microphone

AI Suite 3

- Performance And Power Saving Utility

TurboV EVO

EPU

Digi+ VRM

Fan Xpert 2+

- EZ update
- PC Cleaner

TUF GAMING CPU-Z

AI Charger

ASUS Turbo LAN

DAEMON Tools

DTS Custom for GAMING Headsets

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

• ASUS Special Features

ASUS TUF PROTECTION

- ASUS DIGI+ VRM
- ASUS Enhanced DRAM Overcurrent Protection
- ASUS ESD Guards
- TUF LANGuard
- ASUS Overvoltage Protection
- ASUS SafeSlot
- ASUS Stainless-Steel Back I/O

ASUS Q-Design

- ASUS Q-DIMM
- ASUS Q-Slot

ASUS Thermal Solution

- Aluminum heatsink design

ASUS EZ DIY

- BIOS FlashBack™ button
- BIOS FlashBack™ LED

AURA Sync

- AURA RGB header

• Back I/O Ports

1 x PS/2 keyboard/mouse combo port(s)

1 x DVI-D

1 x HDMI

1 x LAN (RJ45) port(s)

1 x USB 3.2 Gen 2 (teal blue)Type-A,

2 x USB 3.2 Gen 1 (blue) Type-A

1 x USB 3.2 Gen 1 (black) Type-C

2 x USB 2.0

3 x Audio jack(s)

1 x BIOS FlashBack™ Button(s)

• Internal I/O Ports

1 x CPU Fan connector(s)

2 x Chassis Fan connector(s)

1 x Aura RGB Strip Header

1 x USB 3.2 Gen 1(up to 5Gbps) connector(s) support(s) additional 2 USB 3.2 Gen 1 port(s)

2 x USB 2.0 connector(s) support(s) additional 4 USB 2.0 port(s)

1 x M.2 Socket 3 with M key, type 2242/2260/2280/22110 storage devices support (SATA & PCIE 3.0 x 4 mode)

1 x SPI TPM header

6 x SATA 6Gb/s connector(s)

1 x S/PDIF out header(s)

1 x 24-pin EATX Power connector(s)

1 x 8-pin EATX 12V Power connectors

1 x Front panel audio connector(s) (AAFP)

1 x Clear CMOS jumper(s)

1 x System panel connector

1 x COM port header

1 x Speaker connector

- Accessories

User's manual

I/O Shield

2 x SATA 6Gb/s cable(s)

1 x Supporting DVD

1 x TUF Gaming Sticker

1 x TUF Certification card(s)

1 x M.2 SSD screw package(s)

- BIOS

256 Mb Flash ROM, UEFI AMI BIOS

- Manageability

WOL by PXE

- Operating System

Windows® 10 64-bit

Windows® 7 64-bit *2

- Form Factor

mATX Form Factor

9.6 inch x 9.6 inch (24.4 cm x 24.4 cm)

- Note

*1 The M.2 slot shares bandwidth with the SATA_5/6 ports, and therefore the SATA_5/6 ports cannot be used when an M.2 device is installed.

*2 To support Windows 7 64-bit, please install an AMD Ryzen™ 2nd Generation or Ryzen™ 1st Generation Processor.