

ASUS TUF GAMING B450M-PLUS II AMD AM4 Micro-ATX Gaming Motherboard

Sale Price: 16000.0



PRODUCT ID: 00622

Basic

Information

Supported CPU	AMD AM4 Socket for AMD Ryzen 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3rd/2nd/1st Gen AMD Ryzen/ 2nd and 1st Gen AMD Ryzen with Radeon Vega Graphics/ Athlon with Radeon Vega Graphics Processors
Chipset	AMD B450
BIOS	256 Mb Flash ROM, UEFI AMI BIOS
Form Factor	mATX Form Factor 9.6 inch x 9.6 inch (24.4 cm x 24.4 cm)

Expansion

Slots

PCI	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
-----	---

Memory

Type	DDR4
Slots	4 x DIMM
Supported Memory	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.

Basic Information

Maximum Memory	Max. 128GB
----------------	------------

Graphics

Graphics	Integrated Graphics in the 2nd and 1st Gen AMD Ryzen with Radeon Vega Graphics/ Athlon with Radeon Vega Graphics Processors 1 x HDMI port 1 x DVI-D
----------	---

Connector & Ports

HDMI	1 x HDMI port
------	---------------

DVI-D (s)	1 x DVI-D
-----------	-----------

USB (s)	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)
---------	---

LAN Port (s)	Realtek RTL8111H 1Gb Ethernet TUF LANGuard
--------------	---

Supported 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(PCIE 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) 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)
-------------------	---

Audio	3 x Audio jack(s)
-------	-------------------

Basic Information

Internal I/O Ports	<ul style="list-style-type: none"> 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) 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
TPM (Trusted Platform Module)	1 x SPI TPM header

Others

Special Features	<ul style="list-style-type: none"> ASUS TUF PROTECTION <ul style="list-style-type: none"> - 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 <ul style="list-style-type: none"> - ASUS Q-DIMM - ASUS Q-Slot ASUS Thermal Solution <ul style="list-style-type: none"> - Aluminum heatsink design ASUS EZ DIY <ul style="list-style-type: none"> - BIOS FlashBack button - BIOS FlashBack LED AURA Sync <ul style="list-style-type: none"> - AURA RGB header
------------------	--

Basic Information

Bundled Software	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
------------------	--

Warranty Information

Manufacturing Warranty	3 Years
------------------------	---------