

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

Sale Price: 14000.0



PRODUCT ID: 0001172

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
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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.
Maximum Memory	Max. 128GB

Graphics

Information

Graphics	Integrated Graphics in the 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors 1 x DisplayPort 1.2 1 x HDMI 2.0b Supports AMD 2-Way CrossFireX Technology
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Connector & Ports

HDMI	1 x HDMI 2.1b
Display Port (s)	1 x DisplayPort 1.2
USB (s)	Rear USB Port (Total 8) 2 x USB 3.2 Gen 2 port(s)(1 x Type-A +1 x USB Type-C®) 4 x USB 3.2 Gen 1 port(s)(4 x Type-A) 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 2 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_1 socket 3, with M Key, Type 2242/2260/2280 (PCIe 3.0 x4 and SATA modes) storage devices support Athlon with Radeon Vega Graphics Processors : 1 x M.2_1 socket 3, with M key, type 2242/2260/2280 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 : 1 x M.2_2 socket 3, with M Key, type 2242/2260/2280 storage devices support (SATA & PCIe 3.0 X2 mode) 4 x SATA 6Gb/s port(s), Support Raid 0, 1, 10
Audio	3 x Audio jack(s)

Information

Internal I/O	1 x CPU Fan connector(s)
Ports	2 x Chassis Fan connector(s)
	2 x Aura RGB Strip Headers
	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 storage devices support (SATA & PCIE 3.0 x 4 mode)
	1 x M.2 Socket 3 with M Key, type 2242/2260/2280 storage devices support (SATA & PCIE 3.0 X2 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	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 headers
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Information

Bundled	ASUS Exclusive Software
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	3 Years
Warranty	