

PRIME B450M-K II_One Page Spec

Note: The specifications are subject to change without notice.

CPU	AMD Socket AM4 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 Chipset
Memory	2 x DIMM, Max. 64GB, DDR4 4400(O.C.)/4000(O.C.)/3866(O.C.)/3733(O.C.)/3600(O.C.)/3466(O.C.)/3400(O.C.)/3300(O.C.)/3200(O.C.)/3000(O.C.)/2933(O.C.)/2800(O.C.)/2666/2400/2133 MHz, Un-buffered Memory* Dual Channel Memory Architecture *ECC memory(ECC mode) support varies by CPU. *The maximum memory frequency supported varies by processor. *Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists).
Graphics	Integrated Graphics in the 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics / Athlon™ with Radeon™ Vega Graphics Processors 1 x D-Sub 1 x DVI-D 1 x HDMI™2.0b *Graphics specifications may vary between CPU types.
Expansion Slots	3rd/2nd/1st Gen AMD Ryzen™ Processors 1 x PCIe 3.0 x16 slot (supports x16 mode) 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors 1 x PCIe 3.0 x16 slot (supports x8 mode) Athlon™ with Radeon™ Vega Graphics Processors 1 x PCIe 3.0 x16 (supports x4 mode) AMD B450 Chipset 2 x PCIe 2.0 x1 slots
Storage	Total supports 1 x M.2 slot and 4 x SATA 6Gb/s ports 3rd/2nd/1st Gen AMD Ryzen™ / 2nd and 1st Gen AMD Ryzen™ with Radeon™ Vega Graphics Processors M.2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes) Athlon™ with Radeon™ Vega Graphics Processors M.2 slot (Key M), type 2242/2260/2280 (supports SATA mode) AMD B450 Chipset 4 x SATA 6Gb/s ports Support RAID 0, 1, 10
Ethernet	1 x Realtek RTL8111H 1Gb Ethernet
USB	Rear USB (Total 6 ports) 4 x USB 3.2 Gen 1 ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) Front USB (Total 6 ports) 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports 2 x USB 2.0 headers support additional 4 USB 2.0 ports
	Realtek 7.1 Surround Sound High Definition Audio CODEC* - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - Supports up to 24-Bit/192 kHz playback Audio Features

<p>Audio</p>	<ul style="list-style-type: none"> - Audio Shielding - LED-illuminated audio trace path design - Premium Japanese audio capacitors - Dedicated audio PCB layers <p>*A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.</p>
<p>Back Panel I/O Ports</p>	<p>4 x USB 3.2 Gen 1 ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) 1 x D-Sub port 1 x DVI-D port 1 x HDMI™ port 1 x Realtek RTL8111H 1Gb Ethernet port 3 x Audio jacks 1 x BIOS FlashBack™ button 1 x PS/2 Keyboard/Mouse combo port</p>
<p>Internal I/O Connectors</p>	<p>Fan and cooling related 1 x 4-pin CPU Fan header 1 x 4-pin Chassis Fan header</p> <p>Power related 1 x 24-pin Main Power connector 1 x 8-pin +12V Power connector</p> <p>Storage related 1 x M.2 slot (Key M) 4 x SATA 6Gb/s ports</p> <p>USB 1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports 2 x USB 2.0 headers support additional 4 USB 2.0 ports</p> <p>Miscellaneous 1 x Clear CMOS header 1 x COM Port header 1 x Front Panel Audio header (AAFP) 1 x S/PDIF Out header 1 x Speaker header 1 x SPI TPM header (14-1pin) 1 x 10-1 pin System Panel header</p>
<p>Special Features</p>	<p>ASUS 5X PROTECTION III <ul style="list-style-type: none"> - ASUS DIGI+ VRM - ASUS LANGuard - ASUS Overvoltage Protection - ASUS SafeSlot Core - ASUS Stainless-Steel Back I/O </p> <p>ASUS Q-Design <ul style="list-style-type: none"> - ASUS Q-DIMM - ASUS Q-Slot </p> <p>ASUS Thermal Solution <ul style="list-style-type: none"> - Aluminum heatsink design </p> <p>ASUS EZ DIY <ul style="list-style-type: none"> - BIOS FlashBack™ button - BIOS FlashBack™ LED </p> <p>ASUS Lighting Control</p>
	<p>ASUS Exclusive Software Armoury Crate</p>

Software Features	AI Suite 3 - Performance and Power Saving Utility TurboV EVO EPU DIGI+ VRM Fan Xpert PC Cleaner - EZ update - System Information ASUS CPU-Z AI Charger ASUS EZ Installer DAEMON Tools 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
BIOS	256 Mb Flash ROM, UEFI AMI BIOS
Manageability	WOL by PME, PXE
Accessories	Cables 2 x SATA 6Gb/s cables Miscellaneous 1 x I/O Shield 1 x M.2 ANCHOR Installation Media 1 x Support DVD Documentation 1 x User manual
Operating System	Windows 10 64-bit Windows 7 64-bit* *To support Windows 7 64-bit, please install an AMD Ryzen™ 2 nd Generation or Ryzen™ 1 st Generation Processor.
Form Factor	mATX Form Factor 8.9 inch x 8.7 inch (22.6 cm x 22.1 cm)

以下資訊要填寫用在Channel site, 不會出現在手冊裡面

Dimension	
Product (mm)_ L*W*H	226*221*40
Color Box (mm)_ L*W*H	270*263*51.5
Weight	
Motherboard only (kg)	0.511
Full package (kg)	0.900