

PRIME B550M-K_One Page Spec

Note: The specifications are subject to change without notice.

CPU	AMD Socket AM4 for 3rd Gen AMD Ryzen™ Processors* *Refer to www.asus.com for CPU support list.
Chipset	AMD B550 Chipset
Memory	3rd Gen AMD Ryzen™ Processors 4 x DIMM, Max. 128GB, DDR4 4400(O.C.)/4000(O.C.)/3866(O.C.)/3600(O.C.)/3466(O.C.)/3200/3000/2800/2666/2400/2133 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).
Graphics	1 x D-Sub 1 x DVI-D 1 x HDMI™ 2.1(4K@60HZ)
Expansion Slots	3rd Gen AMD Ryzen™ Processors 1 x PCIe 4.0 x16 slot (supports x16 mode) AMD B550 Chipset 2 x PCIe 3.0 x1 slots
Storage	Total supports 2 x M.2 slots and 4 x SATA 6Gb/s ports 3rd Gen AMD Ryzen™ Processors M.2_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 & SATA modes) AMD B550 Chipset M.2_2 slot (Key M), type 2242/2260/2280/2280 (supports PCIe 3.0 x4 & SATA modes) 4 x SATA 6Gb/s ports Support RAID 0, 1, 10
Ethernet	1 x Realtek RTL8111H 1Gb Ethernet
USB	Rear USB (Total 6 ports) 2 x USB 3.2 Gen 2 ports (2 x Type-A) 4 x USB 3.2 Gen 1 ports (4 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
Audio	Realtek ALC887 7.1-Channel High Definition Audio CODEC* - Jack-detection, Multi-streaming, Front Panel Jack-retasking - Supports up to 24-Bit/192 kHz playback Audio Features - Audio Shielding - LED-illuminated audio trace path design - Premium Japanese audio capacitors - Dedicated audio PCB layers *A chassis with an HD audio module in the front panel is required to support 7.1-channel audio output.
Back Panel I/O Ports	2 x USB 3.2 Gen 2 ports (2 x Type-A) 4 x USB 3.2 Gen 1 ports (4 x Type-A) 1 x D-Sub port 1 x DVI-D port 1 x HDMI™ port 1 x Realtek RTL8111H 1Gb Ethernet port

	<p>3 x Audio jacks 1 x PS/2 Keyboard/Mouse combo port</p>
Internal I/O Connectors	<p>Fan and cooling related 1 x 4-pin CPU Fan header 2 x 4-pin Chassis Fan headers</p> <p>Power related 1 x 24-pin Main Power connector 1 x 8-pin +12V Power connector</p> <p>Storage related 2 x M.2 slots (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>
Special Features	<p>ASUS 5X PROTECTION III - ASUS DIGI+ VRM - ASUS LANGuard - ASUS Overvoltage Protection - ASUS SafeSlot Core - ASUS Stainless-Steel Back I/O</p> <p>ASUS Q-Design - ASUS Q-DIMM - ASUS Q-Slot</p> <p>ASUS Thermal Solution - Aluminum heatsink design</p> <p>ASUS Lighting Control</p>
Software Features	<p>ASUS Exclusive Software Armoury Crate AI Suite 3 - Performance And Power Saving Utility TurboV EVO EPU Digi+ VRM Fan Xpert 2+ - EZ update ASUS CPU-Z AI Charger DAEMON Tools Norton Anti-virus software (Free Trial for 60 days) WinRAR</p> <p>UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3</p>

	- ASUS UEFI BIOS EZ Mode
BIOS	256 Mb Flash ROM, UEFI AMI BIOS
Manageability	WOL by PME, PXE
Accessories	<p>Cables 2 x SATA 6Gb/s cables</p> <p>Miscellaneous 1 x I/O Shield 1 x M.2 SSD screw package</p> <p>Installation Media 1 x Support DVD</p> <p>Documentation 1 x User manual</p>
Operating System	Windows® 10 - 64 bit
Form Factor	mATX Form Factor 9.6 inch x 9.6 inch (24.4 cm x 24.4 cm)