

PRIME B550M-K ARGB	
Note: The specifications are subject to change without notice.	
CPU	AMD Socket AM4 for AMD Ryzen™ 5000 Series/ 5000 G-Series/ 4000 G-Series/ 3000 Series Desktop Processors* * Refer to www.asus.com for CPU support list.
Chipset	AMD B550 Chipset
Memory	2 x DIMM slots, Max. 64GB, DDR4 5100(OC)/4866(OC)/4600(OC)/4466(OC)/4400(OC)/4333(OC)/4266(OC)/4200(OC)/4133(OC)/4000(OC)/3866(OC)/3733(OC)/3600(OC)/3466(OC)/3400(OC)/3333(OC)/3200/3000/2933/2800/2666/2400/2133, Un-buffered Memory* Dual Channel Memory Architecture * ECC memory (ECC mode) support varies by CPU. * Supported memory types, data rate (speed), and number of DRAM modules vary depending on the CPU and memory configuration, for more information please refer to CPU/Memory Support list under the Support tab of product information site or visit https://www.asus.com/support/ .
Graphics	1 x DisplayPort** 1 x HDMI™ port*** * Graphics specifications may vary between CPU types. Please refer to AMD CPU specifications. ** Supports max. 4K@60Hz as specified in DisplayPort 1.4. *** Supports 4K@60Hz as specified in HDMI 2.1.
Expansion Slots	AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors 1 x PCIe 4.0 x16 slot (supports x16 mode) AMD Ryzen™ 5000 G-Series/ 4000 G-Series Desktop Processors 1 x PCIe 3.0 x16 slot (supports x16 mode) AMD B550 Chipset 1 x PCIe 3.0 x1 slot * Please check the PCIe bifurcation table on the support site (https://www.asus.com/support/FAQ/1037507/). - To ensure compatibility of the device installed, please refer to https://www.asus.com/support/ for the list of supported peripherals.
Storage	Total supports 2 x M.2 slots and 4 x SATA 6Gb/s ports* AMD Ryzen™ 5000 Series/ 3000 Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 & SATA modes) AMD Ryzen™ 5000 G-Series/ 4000 G-Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes) AMD B550 Chipset M.2_2 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 3.0 x4 & SATA modes) 4 x SATA 6Gb/s ports * AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/10 and SATA RAID 0/1/10.
Ethernet	1 x Realtek 1Gb Ethernet
USB	Rear USB (Total 6 ports) 4 x USB 3.2 Gen 1 (5G) ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) Front USB (Total 7 ports) 1 x USB 3.2 Gen 1 (5G) connector (supports USB Type-C®) 1 x USB 3.2 Gen 1 (5G) header supports 2 additional USB 3.2 Gen 1 ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports
Audio	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 - Audio Shielding - Premium audio capacitors - Dedicated audio PCB layers * A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.
Back Panel I/O Ports	4 x USB 3.2 Gen 1 (5G) ports (4 x Type-A) 2 x USB 2.0 ports (2 x Type-A) 1 x DisplayPort 1 x HDMI™ port 1 x Realtek 1Gb Ethernet port 3 x Audio jacks 1 x PS/2 Keyboard/Mouse combo port
Internal I/O Connectors	Fan and Cooling related 1 x 4-pin CPU Fan header 2 x 4-pin Chassis Fan headers Power related 1 x 24-pin Main Power connector 1 x 8-pin +12V Power connector Storage related 2 x M.2 slots (Key M) 4 x SATA 6Gb/s ports USB 1 x USB 3.2 Gen 1 (5G) connector (supports USB Type-C®) 1 x USB 3.2 Gen 1 (5G) header supports 2 additional USB 3.2 Gen 1 ports 2 x USB 2.0 headers support 4 additional USB 2.0 ports Miscellaneous 3 x Addressable Gen 2 headers 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 (14-1 pin) 1 x 10-1 pin System Panel header
ASUS 5X PROTECTION III	

Special Features	<ul style="list-style-type: none">- DIGI+ VRM- LANGuard- Overvoltage Protection- SafeSlot Core- Stainless-Steel Back I/O ASUS Q-Design <ul style="list-style-type: none">- Q-DIMM- Q-LED Core- Q-Slot ASUS Thermal Solution <ul style="list-style-type: none">- Aluminum heatsink design Aura Sync <ul style="list-style-type: none">- Addressable Gen 2 headers
Software Features	ASUS Exclusive Software <ul style="list-style-type: none">Armoury Crate- Aura Creator- Aura Sync AI Suite 3 <ul style="list-style-type: none">- Performance And Power Saving Utility TurboV EVO <ul style="list-style-type: none">EPU DIGI+ VRM <ul style="list-style-type: none">Fan Xpert 2+ - EZ update
BIOS	ASUS CPU-Z Norton 360 Deluxe (60 Days Free Trial) WinRAR
Manageability	UEFI BIOS ASUS EZ DIY <ul style="list-style-type: none">- ASUS CrashFree BIOS 3- ASUS EZ Flash 3- ASUS UEFI BIOS EZ Mode
Accessories	128 Mb Flash ROM, UEFI AMI BIOS WOL by PME, PXE
Operating System	Cables 2 x SATA 6Gb/s cables
Form Factor	Miscellaneous 1 x I/O Shield 1 x Screw package for M.2 SSD
	Documentation 1 x User guide
	Windows® 11, Windows® 10 64-bit
	micro-ATX Form Factor 9.6 inch x 8.7 inch (24.4 cm x 22.1 cm)

Dimension	
Product (mm)_ L*W*H	244mm*221mm*36.5mm
Color Box (mm)_ L*W*H	260mm*270mm*515mm
Weight	
Motherboard only	0.46 kg
Full package	0.96 kg