

PRIME B560M-K One Page Spec

Note: The specifications are subject to change without notice.

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| CPU | <p>Intel® Socket LGA1200 for 11th Gen Intel® Core™ processors & 10th Gen Intel® Core™, Pentium® Gold and Celeron® Processors*</p> <p>Supports Intel® 14 nm CPU</p> <p>Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0**</p> <p>* Refer to www.asus.com for CPU support list.</p> <p>** Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types.</p> |
| Chipset | Intel® B560 Chipset |
| Memory | <p>2x DIMM, Max. 64GB, DDR4</p> <p>5000(OC)/4800(OC)/4600(OC)/4400(OC)/4266(OC)/4000(OC)/3733(OC)/3600(OC)/3466(OC)/3333(OC)/3200(OC)/2933/2800/2666/2400/2133 MHz Non-ECC, Dual Channel Memory Architecture</p> <p>Supports Intel® Extreme Memory Profile (XMP)</p> <p>* 10th Gen Intel® Core™ i7/i9 processors support 2933/2800/2666/2400/2133 natively, others will run at the maximum transfer rate of DDR4 2666MHz.</p> <p>* 11th Gen Intel® processors support 2933/2800/2666/2400/2133 natively.</p> <p>* Refer to www.asus.com for the Memory QVL (Qualified Vendors Lists), and memory frequency support depends on the CPU types.</p> |
| Graphics | <p>1 x D-Sub</p> <p>1 x HDMI™ 1.4/2.0**</p> <p>* Graphics specifications may vary between CPU types.</p> <p>** Only Intel® 11th Gen processors support HDMI™ 2.0 with max. resolution of 4K@60Hz, others will only support HDMI™ 1.4 with max. resolution of 4K@30Hz. Please refer to www.intel.com for any updates.</p> |
| Expansion Slots | <p>Intel® 11th & 10th Gen Processors</p> <p>1 x PCIe 4.0/3.0 x16 slot</p> <p>- Intel® 11th Gen processors support PCIe 4.0 x16 mode</p> <p>- Intel® 10th Gen processors support PCIe 3.0 x16 mode</p> <p>Intel® B560 Chipset</p> <p>2 x PCIe 3.0 x1 slots</p> |
| Storage | <p>Total supports 2 x M.2 slots and 6 x SATA 6Gb/s ports</p> <p>Intel® 11th Gen Processors</p> <p>M.2_1 slot (Key M), type 2242/2260/2280</p> <p>- Only Intel® 11th Gen processors support PCIe 4.0 x4 mode, this slot will be disabled for other CPUs</p> <p>Intel® B560 Chipset</p> <p>M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes)*</p> <p>6 x SATA 6Gb/s ports</p> <p>* The M.2_2 shares bandwidth with SATA6G_2. When M.2_2 runs SATA mode, SATA6G_2 will be disabled.</p> |
| Ethernet | 1 x Intel® I219-V 1Gb Ethernet |
| USB | <p>Rear USB (Total 6 ports)</p> <p>4 x USB 3.2 Gen 1 ports (4 x Type-A)</p> <p>2 x USB 2.0 ports (2 x Type-A)</p> <p>Front USB (Total 6 ports)</p> <p>1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports</p> <p>2 x USB 2.0 headers support additional 4 USB 2.0 ports</p> |
| Audio | <p>Realtek ALC897 7.1 Surround Sound High Definition Audio CODEC*</p> <p>- Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking</p> <p>- Supports up to 24-Bit/192 kHz playback</p> <p>Audio Features</p> <p>- Audio Shielding</p> <p>- Premium Japanese audio capacitors</p> <p>- Dedicated audio PCB layers</p> <p>* A chassis with an HD audio module in the front panel is required to support 7.1 Surround Sound audio output.</p> |
| Back Panel I/O Ports | <p>4 x USB 3.2 Gen 1 ports (4 x Type-A)</p> <p>2 x USB 2.0 ports (2 x Type-A)</p> <p>1 x D-Sub port</p> <p>1 x HDMI™ port</p> <p>1 x Intel® I219-V 1Gb Ethernet</p> <p>3 x Audio jacks</p> <p>1 x PS/2 Keyboard/Mouse combo port</p> |
| Internal I/O Connectors | <p>Fan and Cooling related</p> <p>1 x 4-pin CPU Fan header</p> <p>1 x 4-pin Chassis Fan header</p> <p>Power related</p> <p>1 x 24-pin Main Power connector</p> <p>1 x 8-pin +12V Power connector</p> <p>Storage related</p> <p>2 x M.2 slots (Key M)</p> <p>6 x SATA 6Gb/s ports</p> <p>USB</p> <p>1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports</p> <p>2 x USB 2.0 headers support additional 4 USB 2.0 ports</p> <p>Miscellaneous</p> <p>1 x RGB header</p> <p>1 x Clear CMOS header</p> <p>1 x COM Port header</p> <p>1 x Front Panel Audio header (AAFP)</p> <p>1 x S/PDIF Out header</p> <p>1 x Speaker header</p> <p>1 x SPI TPM header (14-1pin)</p> <p>1 x 10-1 pin System Panel header</p> |
| Special Features | <p>ASUS 5X PROTECTION III</p> <p>- DIGI+ VRM</p> <p>- LANGuard</p> <p>- Overvoltage Protection</p> <p>- SafeSlot Core</p> <p>- Stainless-Steel Back I/O</p> <p>ASUS Q-Design</p> <p>- Q-DIMM</p> <p>- Q-Slot</p> <p>ASUS Lighting Control</p> <p>-RGB header</p> |

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| Software Features | ASUS Exclusive Software Armoury Crate AI Suite 3 - Performance And Power Saving Utility TurboV EVO EPU Digi+ VRM Fan Xpert - EZ update ASUS CPU-Z AI Charger DAEMON Tools Norton Anti-virus software (Free Trial version) WinRAR UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode |
| BIOS | 128 Mb Flash ROM, UEFI AMI BIOS |
| Manageability | WOL by PME, PXE |
| Accessories | Cables 2x SATA 6Gb/s cables Miscellaneous 1 x I/O Shield 2 x M.2 anchors Installation Media 1 x Support DVD Documentation 1 x User manual |
| Operating | Windows®10 64-bit |
| Form Factor | mATX Form Factor 9.6 inch x 8.3 inch(24.4cm x 21.1cm) |