

ROG STRIX B560-I GAMING WIFI One Page Spec

<p>Note: The specifications are subject to change without notice.</p>	
CPU	<p>Intel® Socket LGA1200 for 11th Gen Intel® Core™ processors & 10th Gen Intel® Core™, Pentium® Gold and Celeron® Processors Supports Intel® 14 nm CPU Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0** * Refer to www.asus.com for CPU support list. ** Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types.</p>
Chipset	<p>Intel® B560 Chipset</p>
Memory	<p>2 x DIMM, Max. 64GB, DDR4 5333(O.C)/4800(O.C)/4600(O.C)/4266(O.C)/4000(O.C)/3733(O.C)/3600(O.C)/3466(O.C)/3400(O.C)/3333(O.C)/3200/2933/2800/2666/2400/2133 MHz Non-ECC, Un-buffered Memory Dual Channel Memory Architecture Supports Intel® Extreme Memory Profile (XMP) OptiMem III * 10th Gen Intel® 17/9 processors support 2933/2800/2666/2400/2133 natively, others will run at the maximum transfer rate of DDR4 2666MHz. ** 11th Gen Intel® processors support 3200/2933/2800/2666/2400/2133 natively. * 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 DisplayPort 1.4** 1 x HDMI™ 2.0*** ** Only Intel® 11th processors support DisplayPort 1.4 with max. resolution of 5120 x 2880 @60Hz, others will only support DisplayPort 1.4 with max. resolution of 4096 x 2304 @60Hz. Please refer to www.intel.com for any updates. *** Only Intel® 11th 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** 1 x PCIe 3.0 x16 slot(s) - Intel® 11th processors support PCIe 4.0 x16 - Intel® 10th processors support PCIe 3.0 x16</p>
Storage	<p>Total supports 2 x M.2 slots and 4 x SATA 6Gb/s ports Intel® 11th Gen Processors M.2, 1 slot (Key M), type 2242/2260/2280 - Only Intel® 11th processors support PCIe 4.0 x4 mode, this slot will be disabled for other CPUs Intel® B560 Chipset M.2, 2 slot (Key M), type 2242/2260/2280 (supports PCIe 3.0 x4 & SATA modes) 4 x SATA 6Gb/s ports To enable Intel® Optane™ Memory (Hybrid Storage device), it must be installed in PCH-attached slots with Intel® Rapid Storage Technology.</p>
Ethernet	<p>1 x Realtek 2.5Gb Ethernet ASUS LANGuard</p>
Wireless & Bluetooth	<p>Intel® Wi-Fi 6 2x2 Wi-Fi 6 (802.11 a/b/g/n/ac/ax) Supports 2.4/5GHz frequency band Bluetooth v5.0 or later</p>
USB	<p>Rear USB (Total 8 ports) 1 x USB 3.2 Gen 2x2 ports) (1 x USB Type-C®) 1 x USB 3.2 Gen 2 ports) (1 x Type-A) 6 x USB 2.0 ports) (5 x Type-A, 1 x audio USB Type-C®) Front USB (Total 5 ports) 1 x USB 3.2 Gen 2 connector(s) (support(s) USB Type-C®) 1 x USB 3.2 Gen 1 header(s) support(s) additional 2 USB 3.2 Gen 1 ports 1 x USB 2.0 header(s) support(s) additional 2 USB 2.0 ports ROG SupremeFX 7.1 Channel High Definition Audio CODEC S1220A - Impedance sense for front and rear headphone outputs - Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking - High quality 120 dB SNR stereo playback output and 113 dB SNR recording input (Line-in) * Supports up to 12.8ms/100 kHz playback latency Audio Features: - SupremeFX Shielding Technology - Savitech SV3H712 AMP - Rear audio USB Type-C™ port - Premium Japanese audio capacitors - Due to limitations in HAD bandwidth, 32-Bit/192 kHz is not supported for 7.1 Surround Sound audio.</p>
Back Panel I/O Ports	<p>1 x USB 3.2 Gen 2x2 ports) (1 x USB Type-C®) 1 x USB 3.2 Gen 2 ports) (1 x Type-A) 6 x USB 2.0 ports) (5 x Type-A, 1 x Audio USB Type-C®) 1 x DisplayPort 1 x HDMI™ port 1 x ASUS Wi-Fi Module 1 x Realtek 2.5Gb Ethernet port 5 x Audio jacks</p>
Internal I/O Connectors	<p>Fan and Cooling related 1 x 4-pin CPU Fan header(s) 1 x 4-pin AIO Pump header(s) 1 x 4-pin Chassis Fan header(s) 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 2 connector (support(s) USB Type-C™) 1 x USB 3.2 Gen 1 header(s) support(s) additional 2 USB 3.2 Gen 1 ports 1 x USB 2.0 header(s) support(s) additional 2 USB 2.0 ports Miscellaneous 1 x AURA Addressable Gen 2 header(s) 1 x AURA RGB header(s) 1 x Clear CMOS header 1 x Front Panel Audio header (AAFP) 1 x S/PDIF Out header 1 x Speaker header 1 x 10-1 pin System Panel header</p>
Special Features	<p>Extreme Engine Digi+ - 5K Black Metallic Capacitors ASUS Q-Design - M.2 Q-Latch - Q-LED [red], DRAM [yellow], VGA [white], Boot Device [yellow green!] - Q-DIMM - Q-Slot ASUS Thermal Solution - M.2 heatsink backplate - M.2 heatsink ASUS EZ DIY - ProCool - Pre-mounted I/O shield - SafeSlot AURA Sync - AURA RGB header(s) - Addressable Gen 2 RGB header(s)</p>
Software Features	<p>ROG Exclusive Software - RAMCache III - ROG CPU-Z - GameFirst VI - Sonic Studio III + Sonic Studio Virtual Mixer - Sonic Radar III - DTS® Sound Unbound - Overwolf - Anti-virus software ASUS Exclusive Software Armoury Crate - AIDA64 Extreme (60 days free trial) - AURA Creator - AURA Sync - Two-Way AI Noise Cancellation AI Suite 3 - Performance And Power Saving Utility TurboV EVO EPU Digi+ VRM Fan Xpert 4 - EZ update DAEMON Tools MyASUS Norton Anti-virus software (Free Trial version) Windows UEFI BIOS ASUS EZ DIY - ASUS CrashFree BIOS 3 - ASUS EZ Flash 3 - ASUS UEFI BIOS EZ Mode</p>
BIOS	<p>128 Mb Flash ROM, UEFI AMI BIOS</p>
Manageability	<p>WOL by PME, PXE</p>
Accessories	<p>Cables 1 x ROG audio USB Type-C® cable 2 x SATA 6Gb/s cables 1 x ROG USB2.0 splitter cable 1 x Panel cable Miscellaneous 1 x ASUS Wi-Fi moving antennas 1 x Cable ties pack 2 x M.2 SSD screw package(s) 1 x M.2 Bracket 1 x ROG key chain 1 x ROG Strix stickers 1 x ROG Strix thank-you card Installation Media 1 x Support DVD Documentation 1 x User manual</p>
Operating System	<p>Windows® 10 64-bit</p>
Form Factor	<p>Mini-ITX Form Factor 6.7 inch x 6.7 inch (17 cm x 17 cm)</p>