

| TUF GAMING A620M-PLUS | |
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| Note: The specifications are subject to change without notice. | |
| CPU | AMD Socket AM5 for AMD Ryzen™ 7000 Series Desktop Processors* * Refer to www.asus.com for CPU support list. |
| Chipset | AMD A620 Chipset |
| Memory | 4 x DIMM slots, Max. 128GB, DDR5 6400+(OC)/6200(OC)/6000(OC)/5800(OC)/5600(OC)/5400(OC)/5200/5000/4800, ECC and Non-ECC, Un-buffered Memory* Dual Channel Memory Architecture Supports AMD Extended Profiles for Overclocking (EXPO™) OptiMem II * 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/ . * Non-ECC, un-buffered DDR5 memory supports On-Die ECC function. |
| Graphics | 2 x DisplayPort** 1 x HDMI™ port*** * Graphics specifications may vary between CPU types. Please refer to AMD CPU specifications. ** Support max. 8K@60Hz as specified in DisplayPort 1.4. *** Supports 4K@60Hz as specified in HDMI 2.1. |
| Expansion Slots | AMD Ryzen™ 7000 Series Desktop Processors* 1 x PCIe 4.0 x16 slot AMD A620 Chipset 2 x PCIe 3.0 x1 slots * 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™ 7000 Series Desktop Processors M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode) AMD A620 Chipset 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 2.5Gb Ethernet TUF LANGuard |
| USB | Rear USB (Total 6 ports) 2 x USB 3.2 Gen 1 (5G) ports (2 x Type-A) 4 x USB 2.0 ports (4 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 | 2 x USB 3.2 Gen 1 (5G) ports (2 x Type-A) 4 x USB 2.0 ports (4 x Type-A) 2 x DisplayPort 1 x HDMI™ port 1 x Realtek 2.5Gb Ethernet port 3 x Audio jacks 1 x BIOS FlashBack™ button 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 Aura RGB header 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 10-1 pin System Panel header |
| Special Features | ASUS TUF PROTECTION - DIGI+ VRM - ESD Guards - TUF LANGuard - Overvoltage Protection - SafeSlot Core+ - Stainless-Steel Back I/O ASUS Q-Design - M.2 Q-Latch - Q-DIMM - Q-LED Core - Q-Slot ASUS Thermal Solution - VRM heatsink design ASUS EZ DIY - BIOS FlashBack™ button - BIOS FlashBack™ LED Aura Sync - Aura RGB header - Addressable Gen 2 headers |
| Software Features | ASUS Exclusive Software Armoury Crate - Aura Creator - Aura Sync - Fan Xpert 2+ - Power Saving - Two-Way AI Noise Cancellation AI Suite 3 - TurboV EVO - DIGI+ VRM - PC Cleaner TUF GAMING CPU-Z Norton 360 for Gamers (60 Days Free Trial) WinRAR |

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| | 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 TUF Gaming sticker 1 x Screw package for M.2 SSD Documentation 1 x TUF Certification card 1 x User guide |
| Operating System | Windows® 11, Windows® 10 64-bit |
| Form Factor | micro-ATX Form Factor 9.6 inch x 9.6 inch (24.4 cm x 24.4 cm) |

| Dimension | |
|------------------------------|--------------------|
| Product (mm), L*W*H | 244mm*244mm*50mm |
| Color Box (mm), L*W*H | 275mm*275mm*67.5mm |
| Weight | |
| Motherboard only | 0.78 Kg |
| Full package | 0.85 Kg |