

## PRIME A620M-A

Note: The specifications are subject to change without notice.

<b>CPU</b>	AMD Socket AM5 for AMD Ryzen™ 7000 Series Desktop Processors* * Refer to <a href="http://www.asus.com">www.asus.com</a> for CPU support list.
<b>Chipset</b>	AMD A620 Chipset
<b>Memory</b>	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 <a href="https://www.asus.com/support/">https://www.asus.com/support/</a> . * Non-ECC, un-buffered DDR5 memory supports On-Die ECC function.
<b>Graphics</b>	1 x DisplayPort** 1 x VGA port 1 x HDMI™ port*** * Graphics specifications may vary between CPU types. Please refer to AMD CPU specifications. ** Supports max. 8K@60Hz as specified in DisplayPort 1.4. *** Supports 4K@60Hz as specified in HDMI 2.1.
<b>Expansion Slots</b>	<b>AMD Ryzen™ 7000 Series Desktop Processors*</b> 1 x PCIe 4.0 x16 slot (supports x16 mode) <b>AMD A620 Chipset</b> 2 x PCIe 3.0 x1 slots * Please check the PCIe bifurcation table on the support site ( <a href="https://www.asus.com/support/FAQ/1037507/">https://www.asus.com/support/FAQ/1037507/</a> ). - To ensure compatibility of the device installed, please refer to <a href="https://www.asus.com/support/">https://www.asus.com/support/</a> for the list of supported peripherals.
<b>Storage</b>	<b>Total supports 2 x M.2 slots and 4 x SATA 6Gb/s ports*</b> <b>AMD Ryzen™ 7000 Series Desktop Processors</b> 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) <b>AMD A620 Chipset</b> 4 x SATA 6Gb/s ports * AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/10 and SATA RAID 0/1/10.
<b>Ethernet</b>	1 x Realtek 1Gb Ethernet
<b>USB</b>	<b>Rear USB (Total 6 ports)</b> 2 x USB 3.2 Gen 1 (5G) ports (2 x Type-A) 4 x USB 2.0 ports (4 x Type-A) <b>Front USB (Total 7 ports)</b> 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
<b>Audio</b>	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 <b>Audio Features</b> - 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.
<b>Back Panel I/O Ports</b>	2 x USB 3.2 Gen 1 (5G) ports (2 x Type-A) 4 x USB 2.0 ports (4 x Type-A) 1 x DisplayPort 1 x VGA port 1 x HDMI™ port 1 x Realtek 1Gb Ethernet port 3 x Audio jacks 1 x BIOS FlashBack™ button 1 x PS/2 Keyboard/Mouse combo port
<b>Internal I/O Connectors</b>	<b>Fan and Cooling related</b> 1 x 4-pin CPU Fan header 2 x 4-pin Chassis Fan headers <b>Power related</b> 1 x 24-pin Main Power connector 1 x 8-pin +12V Power connector <b>Storage related</b> 2 x M.2 slots (Key M) 4 x SATA 6Gb/s ports <b>USB</b> 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 <b>Miscellaneous</b> 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 SPI TPM header (14-1pin) 1 x 10-1 pin System Panel header
	<b>ASUS 5X PROTECTION III</b> - DIGI+ VRM

<b>Special Features</b>	<ul style="list-style-type: none"> <li>- LANGuard</li> <li>- Overvoltage Protection</li> <li>- SafeSlot Core</li> <li>- Stainless-Steel Back I/O</li> </ul> <p><b>ASUS Q-Design</b></p> <ul style="list-style-type: none"> <li>- Q-DIMM</li> <li>- Q-LED core</li> <li>- Q-Slot</li> </ul> <p><b>ASUS Thermal Solution</b></p> <ul style="list-style-type: none"> <li>- VRM heatsink design</li> </ul> <p><b>ASUS EZ DIY</b></p> <ul style="list-style-type: none"> <li>- BIOS FlashBack™ button</li> <li>- BIOS FlashBack™ LED</li> </ul> <p><b>Aura Sync</b></p> <ul style="list-style-type: none"> <li>- Aura RGB header</li> <li>- Addressable Gen 2 headers</li> </ul>
<b>Software Features</b>	<p><b>ASUS Exclusive Software</b></p> <ul style="list-style-type: none"> <li>Armoury Crate</li> <li>- Aura Creator</li> <li>- Aura Sync</li> <li>- Fan Xpert 2+</li> <li>- Power Saving</li> <li>- Two-Way AI Noise Cancellation</li> </ul> <p>AI Suite 3</p> <ul style="list-style-type: none"> <li>- TurboV EVO</li> <li>- DIGI+ VRM</li> <li>- PC Cleaner</li> </ul> <p>ASUS CPU-Z Norton 360 Deluxe (60 Days Free Trial) WinRAR</p> <p><b>UEFI BIOS</b></p> <ul style="list-style-type: none"> <li>ASUS EZ DIY</li> <li>- ASUS CrashFree BIOS 3</li> <li>- ASUS EZ Flash 3</li> <li>- ASUS UEFI BIOS EZ Mode</li> </ul>
<b>BIOS</b>	256 Mb Flash ROM, UEFI AMI BIOS
<b>Manageability</b>	WOL by PME, PXE
<b>Accessories</b>	<p><b>Cables</b></p> <ul style="list-style-type: none"> <li>2 x SATA 6Gb/s cables</li> </ul> <p><b>Miscellaneous</b></p> <ul style="list-style-type: none"> <li>1 x I/O Shield</li> <li>1 x Screw package for M.2 SSD</li> </ul> <p><b>Documentation</b></p> <ul style="list-style-type: none"> <li>1 x User guide</li> </ul>
<b>Operating System</b>	Windows® 11, Windows® 10 64-bit
<b>Form Factor</b>	micro-ATX Form Factor 9.6 inch x 9.6 inch ( 24.4 cm x 24.4 cm )

<b>Dimension</b>	
<b>Product (mm) L*W*H</b>	244mm*244mm*43mm
<b>Color Box (mm) L*W*H</b>	275mm*275mm*67.5mm
<b>Weight</b>	
<b>Motherboard only</b>	0.73 kg
<b>Full package</b>	1.36 kg