

## PRIME B650M-A AX II

AMD B650 Micro-ATX motherboard, DDR5, PCIe 5.0 M.2 support, Realtek 2.5Gb Ethernet, Wi-Fi 6, DisplayPort, VGA, HDMI<sup>®</sup>, SATA 6 Gbps, USB 3.2 Gen 2 ports, front USB 3.2 Gen 1 Type-C<sup>®</sup>, BIOS FlashBack™, Aura Sync

- **AMD AM5 Socket:** Ready for AMD Ryzen™ 7000 Series Desktop Processors
- **Ultrafast Connectivity:** Wi-Fi 6, M.2 PCIe 5.0, Realtek 2.5Gb Ethernet, USB 3.2 Gen 2 ports, front USB 3.2 Gen 1 Type-C<sup>®</sup>
- **ASUS OptiMem II:** Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking
- **Comprehensive Cooling:** VRM heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+
- **Aura Sync RGB Lighting:** Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
- **CEC Tier II ready**



HDMI®

VGA

DisplayPort

BIOS FlashBack™ button

1 x PS/2

2 x USB 3.2 Gen 1 (Type-A)

4 x USB 2.0 (Type-A)

Realtek 2.5 Gb Ethernet

2 x USB 3.2 Gen 2 (Type-A)

Wi-Fi 6

3 x Audio Jacks

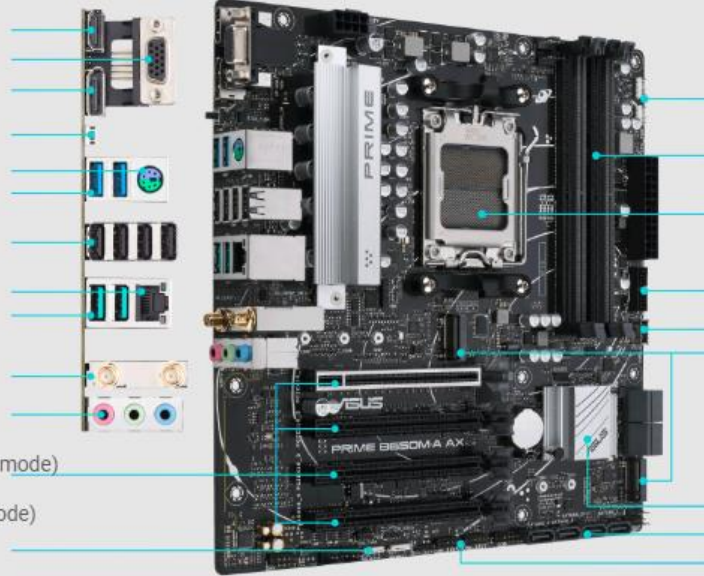
Expansion Slots

- 1 x PCIe 4.0 x16 (supports x16 mode)

SafeSlot Core+

- 3 x PCIe 4.0 x16 (support x1 mode)

1 x Aura RGB Header



3 x Addressable Gen 2 Headers

DDR5 support

- OptiMem II

AM5 Socket for AMD Ryzen™ 7000 Series Desktop Processors

1 x Front USB 3.2 Gen 1 Header

1 x Front USB 3.2 Gen 1 Type-C®

2 x M.2 slots

- 1 x M.2 2280 (PCIe 5.0 x4 mode)

- 1 x M.2 2280 (PCIe 4.0 x4 mode)

AMD B650 Chipset

8 x SATA 6Gb/s

2 x Front USB 2.0 Headers