



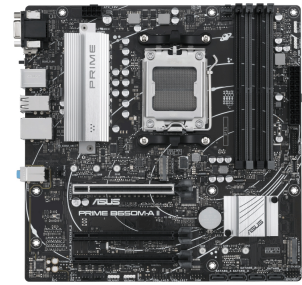
## ASUS PRIME B650M-A II-CSM AMD B650 Socket AM5 micro ATX

Brand : ASUS

Product code: 90MB1EH0-M0EAYC

Product name : PRIME B650M-A II-CSM

- AMD AM5 Socket: Ready for AMD Ryzen™ 7000 Series Desktop Processors
  - Ultrafast Connectivity: M.2 PCIe 5.0, Realtek 2.5Gb Ethernet, USB 3.2 Gen 2 ports, front USB 3.2 Gen 1 Type-C®
  - 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
  - ASUS Control Center Express (ACCE) for easier IT endpoint management
- AMD B650 Micro-ATX motherboard with DDR5, PCIe 5.0 M.2, 2.5Gb Ethernet, DisplayPort, HDMI®, VGA, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C®, BIOS FlashBack™, Arua Sync



| Processor                                |  | Internal I/O                                      |                            |
|--|--|---|----------------------------|
| Processor manufacturer *                 | AMD  | Number of COM connectors                          | 1                          |
| Processor socket *                       | Socket AM5                                       | TPM connector                                     | ✓                          |
| Compatible processor series *            | AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen         | 12V power connector                               | ✓                          |
| Supported processor sockets              | Socket AM5                                       | RGB LED pin header                                | ✓                          |
| Memory                                   |  | Rear panel I/O ports                              |                            |
| Supported memory types *                 | DDR5-SDRAM                                       | USB 2.0 ports quantity *                          | 4                          |
| Number of memory slots *                 | 4  | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                          |
| Memory slots type                        | DIMM   | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2                          |
| Memory channels                          | Dual-channel                                     | Ethernet LAN (RJ-45) ports *                      | 1                          |
| ECC                                      | ✓  | PS/2 ports quantity                               | 1                          |
| Non-ECC                                  | ✓  | HDMI ports quantity *                             | 1                          |
| Supported memory clock speeds            | 4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz | DisplayPorts quantity                             | 1                          |
| Supported memory clock speed (max)       | 6400 MHz   | Headphone outputs                                 | 1                          |
| Maximum internal memory *                | 128 GB   | Line-in   | ✓                          |
| Unbuffered memory                        | ✓  | Microphone in                                     | ✓                          |
| Storage controllers                      |  | Network   |                            |
| Supported storage drive types            | HDD & SSD  | Ethernet LAN                                      | ✓                          |
| Supported storage drive interfaces *     | M.2, SATA III                                    | Ethernet interface type                           | 2.5 Gigabit Ethernet       |
| Number of HDDs supported                 | 4  | Wi-Fi *   | ✗                          |
| Number of storage drives supported       | 6  | Features  |                            |
| Graphics                                 |  | Motherboard chipset *                             | AMD B650                   |
| Parallel processing technology support * | Not supported                                    | Audio output channels *                           | 7.1 channels               |
| Internal I/O                             |  | Component for *                                   | PC                         |
| USB 2.0 connectors *                     | 2  | Motherboard form factor *                         | micro ATX                  |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *   | 2  | Motherboard chipset family *                      | AMD                        |
| Number of SATA III connectors *          | 4  | Windows operating systems supported               | Windows 10 x64, Windows 11 |
| Audio connector                          | ✓  | Expansion slots                                   |                            |
| Front panel audio connector              | ✓  | PCI Express x16 (Gen 3.x) slots                   | 3                          |
| Front panel connector                    | ✓  | Number of M.2 (M) slots                           | 2                          |

| Internal I/O                     |   | BIOS              |          |
|----------------------------------|---|-------------------|----------|
| ATX Power connector (24-pin)     | ✓ | BIOS type *       | UEFI AMI |
| CPU fan connector                | ✓ | BIOS memory size  | 256 Mbit |
| Number of chassis fan connectors | 3 | Clear CMOS button | ✓        |
| Weight & dimensions              |   |                   |          |
|                                  |   | Width             | 244 mm   |
|                                  |   | Depth             | 244 mm   |
| Packaging content                |   |                   |          |
|                                  |   | Cables included   | SATA     |



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Publication date: 13-MAY-2024. Prints or copies of Information are only valid on the printed Publication date