

## ASUS PRIME B660M-A WIFI D4 Intel B660 LGA 1700 micro ATX

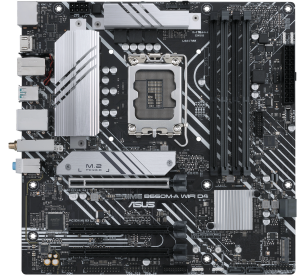
**Brand :** ASUS

**Product code:** 90MB1AE0-M0EAY0

**Product name :** PRIME B660M-A WIFI D4

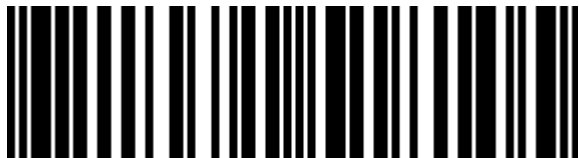
- Intel® LGA 1700 socket: Ready for 12th Gen Intel® processors
- Ultrafast connectivity : Intel® Wi-Fi 6, PCIe 4.0, Intel® 1 Gb Ethernet ,rear USB 3.2 Gen 2 Type-A and front USB 3.2 Gen 1 Type-A and Type-C®
- ASUS OptiMem II: Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking
- Comprehensive cooling: VRM heatsink, M.2 heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+

Intel® B660 (LGA 1700) mATX motherboard with PCIe 4.0, two M.2 slots, Intel® 1Gb Ethernet, Intel® Wi-Fi 6 , DP, 2 x HDMI® , rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C, Aura Sync

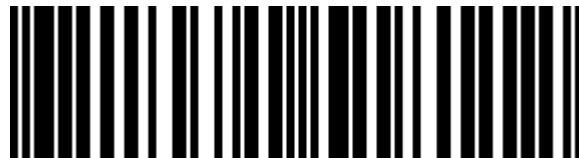


| Processor                              |   | Rear panel I/O ports                |  |
|--|---|-------------------------------------|--|
| Processor manufacturer *               | Intel   | PS/2 ports quantity                 | 1  |
| Processor socket *                     | LGA 1700  | HDMI ports quantity *               | 2  |
| Compatible processor series *          | Intel® Celeron®, Intel® Core™ i3,   | HDMI version                        | 2.1  |
|  | Intel® Core™ i5, Intel® Core™ i7,   | DisplayPorts quantity               | 1  |
|  | Intel® Core™ i9, Intel® Pentium®,   | DisplayPort version                 | 1.4  |
|  | Intel® Pentium® Gold  | Headphone outputs                   | 1  |
| Maximum number of SMP processors       | 1   | Microphone in                       | ✓  |
| Memory                                 |   | Network                             |  |
| Supported memory types *               | DDR4-SDRAM  | Ethernet LAN                        | ✓  |
| Number of memory slots *               | 4   | Ethernet interface type             | Gigabit Ethernet   |
| Memory slots type                      | DIMM  | Wi-Fi *                             | ✓  |
| Memory channels                        | Dual-channel  | Top Wi-Fi standard                  | Wi-Fi 6 (802.11ax)   |
| Non-ECC                                | ✓   |                                     | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| Supported memory clock speeds          | 2133,2400,2666,2800,2933,3000,3200,3333,3400,3466,3600,3733,4000,4400,4600,4800,5000,5333 MHz | Wi-Fi standards                     |  |
| Maximum internal memory *              | 128 GB  | Bluetooth                           | ✓  |
| Unbuffered memory                      | ✓   | Bluetooth version                   | 5.2  |
| Storage controllers                    |   | Features                            |  |
| Supported storage drive types          | HDD & SSD   | Motherboard chipset *               | Intel B660   |
| Supported storage drive interfaces *   | M.2, SATA   | Audio chip                          | Realtek ALC897   |
| RAID levels                            | 0, 1, 5, 10   | Audio output channels *             | 7.1 channels   |
| Graphics                               |   | Component for *                     | PC   |
| Number of displays supported           | 3   | Motherboard form factor *           | micro ATX  |
| Internal I/O                           |   | Motherboard chipset family *        | Intel  |
| USB 2.0 connectors *                   | 3   | Windows operating systems supported | Windows 10 x64, Windows 11 x64   |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 3   | Expansion slots                     |  |
| Number of SATA III connectors *        | 4   | PCI Express x16 (Gen 3.x) slots     | 2  |
| S/PDIF out connector                   | ✓   | PCI Express x16 (Gen 4.x) slots     | 1  |
| Front panel audio connector            | ✓   | Number of M.2 (M) slots             | 2  |
| ATX Power connector (24-pin)           | ✓   | BIOS                                |  |
| CPU fan connector                      | ✓   | BIOS type *                         | UEFI AMI   |
| Number of chassis fan connectors       | 2   |                                     |  |
| EPS power connector (8-pin)            | ✓   |                                     |  |
| Number of COM connectors               | 1   |                                     |  |
| 12V power connector                    | ✓   |                                     |  |

|   |   |                                |          |
|---|---|--------------------------------|----------|
| <b>Internal I/O</b>                               |   | <b>BIOS</b>                    |          |
| RGB LED pin header                                | ✓ | BIOS memory size               | 128 Mbit |
| <b>Rear panel I/O ports</b>                       |   | <b>Logistics data</b>          |          |
| USB 2.0 ports quantity *                          | 4 | Harmonized System (HS) code    | 84733020 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 2 | <b>Weight &amp; dimensions</b> |          |
| Ethernet LAN (RJ-45) ports *                      | 1 | Width                          | 244 mm   |
|   |   | Depth                          | 244 mm   |
|   |   | Height                         | 60 mm    |
|   |   | <b>Packaging content</b>       |          |
|   |   | Cables included                | SATA     |
|   |   | Drivers included               | ✓        |
|   |   | <b>Other features</b>          |          |
|   |   | Weight                         | 819 g    |



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