

# Gigabyte B760M GAMING X AX DDR4 Motherboard - Supports Intel Core 14th CPUs, 8+1+1 Phases Digital VRM, up to 5333MHz DDR4 (OC), 2xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE, USB 3.2 Gen 2

**Brand :** Gigabyte

**Product code:** B760M GAMING X AX DDR4

**Product name :** B760M GAMING X AX DDR4 Motherboard - Supports Intel Core 14th CPUs, 8+1+1 Phases Digital VRM, up to 5333MHz DDR4 (OC), 2xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE, USB 3.2 Gen 2



Micro ATX, Socket LGA 1700, Intel B760 Chipset, 4 x DDR4 DIMM, AMI UEFI BIOS, Wi-Fi 6E (802.11ax), Bluetooth 5.2

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| Processor                                      |   | Rear panel I/O ports                |   |
|--|---|-------------------------------------|---|
| Processor manufacturer *                       | Intel   | DisplayPorts quantity               | 1   |
| Processor socket *                             | LGA 1700  | Headphone outputs                   | 1   |
| Compatible processor series *                  | Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold                                   | Line-in                             | ✓   |
| Supported processor sockets                    | LGA 1700  | Microphone in                       | ✓   |
| Maximum internal memory supported by processor | 128 GB  | WiFi-AP antenna jack                | 2   |
| <b>Memory</b>                                  |   | USB connector type                  | USB Type-A, USB Type-C  |
| Supported memory types *                       | DDR4-SDRAM  | <b>Network</b>                      |   |
| Number of memory slots *                       | 4   | Ethernet LAN                        | ✓   |
| Memory slots type                              | DIMM  | Ethernet interface type             | 2.5 Gigabit Ethernet  |
| Memory channels                                | Dual-channel  | Wi-Fi *                             | ✓   |
| Non-ECC  | ✓   | Top Wi-Fi standard                  | Wi-Fi 6E (802.11ax)   |
| Supported memory clock speeds                  | 2133,2400,2666,2933,3000,3200,3300,3333,3400,3466,3600,3666,3733,3800,3866,4000,4133,4266,4300,4400,4500,4600,4700,4800,4933,5000,5133,5333 | Wi-Fi standards                     | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax) |
| Supported memory clock speed (max)             | 5333 MHz  | Bluetooth                           | ✓   |
| Maximum internal memory *                      | 128 GB  | Bluetooth version                   | 5.3   |
| Supported memory module capacities             | 1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB  | <b>Features</b>                     |   |
| Unbuffered memory                              | ✓   | Motherboard chipset *               | Intel B760 Express  |
| <b>Storage controllers</b>                     |   | Audio output channels *             | 7.1 channels  |
| Supported storage drive types                  | HDD & SSD   | PC health monitoring                | Fan, Temperature, Voltage, Water cooling  |
| Supported storage drive interfaces *           | M.2, SATA III   | Component for *                     | PC  |
| Number of HDDs supported                       | 4   | Motherboard form factor *           | micro ATX   |
| Number of storage drives supported             | 6   | Motherboard chipset family *        | Intel   |
| RAID support                                   | ✓   | Power source type                   | ATX   |
| RAID levels                                    | 0, 1, 5, 10   | Windows operating systems supported | Windows 10, Windows 11  |
| <b>Graphics</b>                                |   | <b>Expansion slots</b>              |   |
| Parallel processing technology support *       | Not supported   | PCI Express x16 (Gen 3.x) slots     | 1   |
| Maximum resolution                             | 4096 x 2304 pixels  | PCI Express x16 (Gen 4.x) slots     | 1   |
| HDCP   | ✓   | Number of M.2 (M) slots             | 2   |
| DirectX version                                | 12.0  |                                     |   |
| <b>Internal I/O</b>                            |   |                                     |   |
| USB 2.0 connectors *                           | 2   |                                     |   |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors *         | 1   |                                     |   |
| USB 3.2 Gen 2 (3.1 Gen 2) connectors *         | 1   |                                     |   |

| Internal I/O                                      |     | BIOS                                       |                                    |
|---|-----|--|------------------------------------|
| Number of SATA III connectors *                   | 4   | BIOS type *                                | UEFI AMI                           |
| S/PDIF out connector                              | ✓   | BIOS memory size                           | 256 Mbit                           |
| Front panel audio connector                       | ✓   | ACPI version                               | 5.0                                |
| Front panel connector                             | ✓   | Clear CMOS jumper                          | ✓                                  |
| ATX Power connector (24-pin)                      | ✓   | Desktop Management Interface (DMI) version | 2.7                                |
| CPU fan connector                                 | ✓   | System Management BIOS (SMBIOS) version    | 2.7                                |
| Number of chassis fan connectors                  | 3   | <b>Logistics data</b>                      |                                    |
| EPS power connector (8-pin)                       | ✓   | Country of origin                          | China                              |
| TPM connector                                     | ✓   | Products per shipping (inner) case         | 1 pc(s)                            |
| Serial port headers                               | 1   | <b>Battery</b>                             |                                    |
| Thunderbolt headers                               | 2   | Battery weight                             | 3 g                                |
| RGB LED pin header                                | ✓   | Lithium weight per battery                 | 0.07 g                             |
| <b>Rear panel I/O ports</b>                       |     | Number of battery cells                    | 1                                  |
| USB 2.0 ports quantity *                          | 5   | Battery technology                         | Lithium-Manganese Dioxide (LiMnO2) |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3   | Battery type                               | CR2032                             |
| Ethernet LAN (RJ-45) ports *                      | 1   | <b>Packaging data</b>                      |                                    |
| HDMI ports quantity *                             | 1   | Package width                              | 270 mm                             |
| HDMI version                                      | 2.0 | Package depth                              | 268 mm                             |
|   |     | Package height                             | 68 mm                              |
|   |     | Package weight                             | 1.64 kg                            |
|   |     | <b>Weight &amp; dimensions</b>             |                                    |
|   |     | Width                                      | 244 mm                             |
|   |     | Depth                                      | 244 mm                             |
|   |     | Height                                     | 32 mm                              |
|   |     | <b>Packaging content</b>                   |                                    |
|   |     | Batteries included                         | ✓                                  |
|   |     | Bundled software                           | Norton Internet Security           |
|   |     | <b>Technical details</b>                   |                                    |
|   |     | Warranty period                            | 3 year(s)                          |



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