



GIGABYTE B650M K AMD AM5 Micro-ATX Motherboard

Sale Price: 1.0

PRODUCT ID: 07674

Basic

Information

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| Supported CPU | AMD Socket AM5, support for: AMD Ryzen 8000 & 7000 Series Processors |
| Chipset | AMD B650 |
| BIOS | 1 x 256 Mbit flash Use of licensed AMI UEFI BIOS PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0 |
| Form Factor | Micro ATX Form Factor; 24.4cm x 24.4cm |
| Audio | Realtek Audio CODEC High Definition Audio 2/4/5.1/7.1-channel |

Expansion

Slots

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| PCI | CPU: 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x16 Chipset: 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1 |
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Memory

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| Type | DDR5 |
| Slots | 4 DIMMs |
| Supported Memory | Support for DDR5 8000(OC)/ 7800(OC)/ 7600(OC)/ 7200(OC)/ 7000(OC)/ 6800(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5600(OC)/ 5200/ 4800 MT/s memory modules Dual channel memory architecture Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Support for AMD Extended Profiles for Overclocking (AMD EXPO™) and Extreme Memory Profile (XMP) memory modules |
| Maximum Memory | 192 GB |

Basic Information

Graphics

Graphics

1 x DisplayPort, supporting a maximum resolution of 3840x2160@144 Hz

* Support for DisplayPort 1.4 version.

1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz

* Support for HDMI 2.1 version and HDCP 2.3.

** Support native HDMI 2.1 TMDS compatible ports.

Connector & Ports

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| HDMI | 1x HDMI |
| Display Port (s) | 1 x DisplayPorts |
| USB (s) | CPU: 1 x USB Type-C port on the back panel, with USB 3.2 Gen 2 support 1 x USB 3.2 Gen 2 Type-A port (red) on the back panel 2 x USB 2.0/1.1 ports on the back panel Chipset: 1 x USB Type-C port with USB 3.2 Gen 1 support, available through the internal USB header 4 x USB 3.2 Gen 1 ports (2 ports on the back panel, 2 ports available through the internal USB header) 4 x USB 2.0/1.1 ports (2 ports on the back panel, 2 ports available through the internal USB header) |
| LAN Port (s) | Realtek 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps) |
| Supported Storage | CPU: 1 x M.2 connector (Socket 3, M key, type 2580 PCIe 4.0 x4/x2 SSD support) 1 x M.2 connector (Socket 3, M key, type 25110/2280 PCIe 4.0 x4/x2 SSD support) Chipset: 4 x SATA 6Gb/s connectors |
| RAID | RAID 0, RAID 1, and RAID 10 support for NVMe SSD storage devices RAID 0, RAID 1, and RAID 10 support for SATA storage devices |
| Audio | 3 x Audio jacks |

Basic Information

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| Internal I/O Ports | 1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 1 x CPU fan header 2 x system fan headers 1 x addressable LED strip header 1 x RGB LED strip header 2 x M.2 Socket 3 connectors 4 x SATA 6Gb/s connectors 1 x front panel header 1 x front panel audio header 1 x USB Type-C® header, with USB 3.2 Gen 1 support 1 x USB 3.2 Gen 1 header 1 x USB 2.0/1.1 header 1 x reset jumper 1 x Clear CMOS jumper |
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| TPM (Trusted Platform Module) | 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only) |
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Others

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| Special Features | Support for GIGABYTE Control Center (GCC) * Available applications in GCC may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications. Support for Q-Flash Support for Q-Flash Plus |
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| Bundled Software | Norton Internet Security (OEM version) LAN bandwidth management software |
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Warranty Information

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| Manufacturing Warranty | 3 Years |
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