

GIGABYTE B650M H AM5 Micro-ATX Motherboard

Sale Price: 14500.0



PRODUCT ID: 02576

Basic Information

Supported CPU	AMD Socket AM5, support for: AMD Ryzen 7000 / Ryzen 8000 / Ryzen 9000 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; 23.0cm x 22.5cm
Audio	Realtek Audio CODEC High Definition Audio 2/4/5.1/7.1-channel

Expansion Slots

PCI	1 x PCI Express x16 slot (PCIEX16), integrated in the CPU: - AMD Ryzen 7000 Series Processors support PCIe 4.0 x16 mode - AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x8 mode - AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4 mode * The PCIEX16 slot can only support a graphics card or an NVMe SSD. If only one graphics card is to be installed, be sure to install it in the PCIEX16 slot. Chipset: - 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1(PCIEX1)
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Memory

Type	DDR5
Slots	2 x DIMM
Supported Memory	6400(OC) / 6200(OC) / 6000(OC) / 5600(OC) / 5200 / 4800 / 4400 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

Basic Information

Maximum Memory supporting up to 96 GB (48 GB single DIMM capacity) of system memory

Graphics

Graphics supporting a maximum resolution of 3840x2160@144 Hz
 * Support for DisplayPort 1.4 version.
 supporting a maximum resolution of 4096x2160@60 Hz
 * Support for HDMI 2.1 version and HDCP 2.3.
 ** Support for native HDMI 2.1 TMDS compatible ports.

Connector & Ports

HDMI 1 x HDMI

Display Port (s) 1 x DisplayPort

USB (s) CPU:
 - 2 x USB 3.2 Gen 1 ports on the back panel
 - 1 x USB 2.0/1.1 port on the back panel
 Chipset:
 - 2 x USB 3.2 Gen 1 ports available through the internal USB header
 - 7 x USB 2.0/1.1 ports (3 ports on the back panel, 4 ports available through the internal USB headers)

LAN Port (s) Realtek GbE LAN chip (1 Gbps/100 Mbps/10 Mbps)

Supported Storage 1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 2580/2280 SSDs:
 - AMD Ryzen 7000 Series Processors support PCIe 4.0 x4/x2 SSDs
 - AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x4/x2 SSDs
 - AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4/x2 SSDs
 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

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 1 x M.2 Socket 3 connector 4 x SATA 6Gb/s connectors 1 x front panel header 1 x front panel audio header 1 x USB 3.2 Gen 1 header 2 x USB 2.0/1.1 headers 1 x Clear CMOS jumper Back Panel Connectors 4 x USB 2.0/1.1 ports 1 x PS/2 keyboard/mouse port 1 x Q-Flash Plus button 2 x USB 3.2 Gen 1 ports 1 x DisplayPort
TPM (Trusted Platform Module)	1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0/GC-TPM2.0 SPI V2 module only)

Others

Special Features	Support for GIGABYTE Control Center (GCC) Support for Q-Flash Support for Q-Flash Plus
Bundled Software	Norton Internet Security (OEM version) LAN bandwidth management software

Warranty Information

Manufacturing Warranty	3 Years
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