

## GIGABYTE B650M D3HP AX DDR5 AM5 Motherboard

Sale Price: 21000.0



PRODUCT ID: 02573

### Basic Information

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 * You can change the functionality of an audio jack using the audio software. To configure 7.1-channel audio, access the audio software for audio settings.

### 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	4 DIMMs

## Basic Information

Supported Memory	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	192GB

## Graphics

Graphics	Integrated Graphics Processor with AMD Radeon™ Graphics support - 2 x DisplayPorts, 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 for native HDMI 2.1 TMDS compatible ports.  Support for up to triple-display at the same time (Graphics specifications may vary depending on CPU support.)
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## Connector & Ports

HDMI	1x HDMI
Display Port (s)	2 x DisplayPorts
USB (s)	CPU: - 1 x USB Type-C port on the back panel, with USB 3.2 Gen 1 support - 1 x USB 3.2 Gen 1 port 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 on the back panel - 1 x USB Type-C port with USB 3.2 Gen 1 support, available through the internal USB header - 2 x USB 3.2 Gen 1 ports available through the internal USB header - 5 x USB 2.0/1.1 ports (1 port on the back panel, 4 ports available through the internal USB headers)
LAN Port (s)	Realtek 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)
Wireless Communication module	Realtek Wi-Fi 6E RTL8852CE - WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands - BLUETOOTH 5.3 - Support for 11ax 160MHz wireless (Actual data rate may vary depending on environment and equipment.)

## Basic Information

Supported Storage	<p>1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 2580 SSDs:</p> <ul style="list-style-type: none"> <li>- AMD Ryzen 7000 Series Processors support PCIe 4.0 x4/x2 SSDs</li> <li>- AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x4/x2 SSDs</li> <li>- AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4/x2 SSDs</li> </ul> <p>1 x M.2 connector (M2C_SB), integrated in the Chipset, supporting Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSDs</p> <p>4 x SATA 6Gb/s connectors</p>
RAID	<p>RAID 0, RAID 1, and RAID 10 support for NVMe SSD storage devices</p> <p>RAID 0, RAID 1, and RAID 10 support for SATA storage devices</p>
Audio	3 x Audio jacks
Internal I/O Ports	<p>Internal I/O Connectors</p> <ul style="list-style-type: none"> <li>1 x 24-pin ATX main power connector</li> <li>1 x 8-pin ATX 12V power connector</li> <li>1 x CPU fan header</li> <li>2 x system fan headers</li> <li>2 x addressable LED strip headers</li> <li>1 x RGB LED strip header</li> <li>2 x M.2 Socket 3 connectors</li> <li>4 x SATA 6Gb/s connectors</li> <li>1 x front panel header</li> <li>1 x front panel audio header</li> <li>1 x USB Type-C header, with USB 3.2 Gen 1 support</li> <li>1 x USB 3.2 Gen 1 header</li> <li>2 x USB 2.0/1.1 headers</li> <li>1 x Q-Flash Plus button</li> <li>1 x reset jumper</li> <li>1 x Clear CMOS jumper</li> </ul> <p>Back Panel Connectors</p> <ul style="list-style-type: none"> <li>1 x PS/2 keyboard/mouse port</li> <li>1 x USB Type-C port, with USB 3.2 Gen 1 support</li> <li>3 x USB 3.2 Gen 1 ports</li> <li>2 x USB 2.0/1.1 ports</li> <li>1 x HDMI port</li> <li>2 x DisplayPorts</li> <li>1 x RJ-45 port</li> <li>3 x audio jacks</li> </ul>
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

## Basic Information

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
Bundled Software	Norton Internet Security (OEM version) LAN bandwidth management software

## Warranty Information

Manufacturing Warranty	3 Years
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