

## GIGABYTE B560M H Intel 10th and 11th Gen Micro ATX Motherboard

Sale Price: 11500.0



PRODUCT ID: 02570

### Basic

#### Information

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|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supported CPU | 11th Generation Intel Core i9 processors / Intel Core i7 processors / Intel Core i5 processors<br>10th Generation Intel Core i9 processors / Intel Core i7 processors / Intel Core i5 processors / Intel Core i3 processors/ Intel Pentium processors / Intel Celeron processors |
| Chipset       | Intel B560 Express Chipset                                                                                                                                                                                                                                                       |
| BIOS          | 1 x 256 Mbit flash<br>Use of licensed AMI UEFI BIOS<br>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 22.5cm                                                                                                                                                                                                                                           |

### Expansion

#### Slots

|            |                                                                                                                                                                                                                          |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PCI        | 1 x PCI Express x16 slot, running at x16 (PCIEX16)<br>(The PCIEX16 slot conforms to PCI Express 4.0 standard.)(Note)<br>1 x PCI Express x1 slot (PCIEX1)<br>(The PCIEX1 slot conforms to PCI Express 3.0 standard.)      |
| M.2 Socket | CPU:<br>1 x M.2 connector (Socket 3, M key, type 2260/ 2280 PCIe 4.0 x4/x2 SSD support) (M2P_CPU)(Note)<br>Chipset:<br>1 x M.2 connector (Socket 3, M key, type 2260/ 2280 SATA and PCIe 3.0 x4/x2 SSD support) (M2A_SB) |

### Memory

|       |          |
|-------|----------|
| Type  | DDR4     |
| Slots | 2 x DIMM |

## Basic Information

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| Supported Memory | 11th Generation Intel Core i9/ i7/ i5 processors:<br>Support for DDR4 3200/ 3000/ 2933/ 2666/ 2400/ 2133 MHz memory modules<br>10th Generation Intel Core i9/i7 processors:<br>Support for DDR4 2933/2666/2400/2133 MHz memory modules<br>10th Generation Intel Core i5/ i3/ Pentium/ Celeron processors:<br>Support for DDR4 2666/2400/2133 MHz memory modules<br>Dual channel memory architecture<br>Support for ECC Un-buffered DIMM 1Rx8/ 2Rx8 memory modules (operate in non-ECC mode)<br>Support for non-ECC Un-buffered DIMM 1Rx8/ 2Rx8/ 1Rx16 memory modules<br>Support for Extreme Memory Profile (XMP) memory modules |
| Maximum Memory   | 64 GB (32 GB single DIMM capacity)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Graphics

|          |                                                                                                                                                                                                                                                           |
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| Graphics | Integrated Graphics Processor-Intel HD Graphics support:<br>1 x D-Sub port, supporting a maximum resolution of 1920 x 1200 @60 Hz<br>1 x HDMI port, supporting a maximum resolution of 4096 x 2160 @30 Hz<br>* Support for HDMI 2.0 version and HDCP 2.3. |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Connector & Ports

|                   |                                                                                                                                                                                                                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HDMI              | 1 x HDMI port, supporting a maximum resolution of 4096 x 2160 @30 Hz                                                                                                                                                                                                                |
| D-Sub (s)         | 1 x D-Sub port, supporting a maximum resolution of 1920 x 1200 @60 Hz                                                                                                                                                                                                               |
| USB (s)           | Chipset:<br>6 x USB 3.2 Gen 1 ports (4 ports on the back panel, 2 ports available through the internal USB header)<br>Chipset + USB 2.0 Hub:<br>8 x USB 2.0/ 1.1 ports (2 ports on the back panel, 6 ports available through the internal USB headers)                              |
| LAN Port (s)      | Realtek GbE LAN chip (1 Gbit/100 Mbit)                                                                                                                                                                                                                                              |
| Supported Storage | CPU:<br>1 x M.2 connector (Socket 3, M key, type 2260/ 2280 PCIe 4.0 x4/x2 SSD support) (M2P_CPU)(Note)<br>Chipset:<br>1 x M.2 connector (Socket 3, M key, type 2260/ 2280 SATA and PCIe 3.0 x4/ x2 SSD support) (M2A_SB)<br>4 x SATA 6Gb/s connectors<br>Intel Optane Memory Ready |
| Audio             | Realtek Audio CODEC<br>High Definition Audio<br>2/4/5.1/7.1-channel                                                                                                                                                                                                                 |

## Basic Information

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|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Internal I/O Ports             | 1 x 24-pin ATX main power connector<br>1 x 8-pin ATX 12V power connector<br>1 x CPU fan header<br>1 x system fan header<br>1 x addressable LED strip header<br>1 x RGB LED strip header<br>2 x M.2 Socket 3 connectors<br>4 x SATA 6Gb/s connectors<br>1 x front panel header<br>1 x front panel audio header<br>1 x USB 3.2 Gen 1 header<br>3 x USB 2.0/1.1 headers<br>1 x serial port header<br>1 x Clear CMOS jumper<br>1 x Q-Flash Plus button |
| TPM (Trusted Platform Module ) | 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)                                                                                                                                                                                                                                                                                                                                                           |

## Others

|                  |                                                                                                                                                                                                                                     |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Special Features | Support for APP Center<br>@BIOS<br>EasyTune<br>Fast Boot<br>Game Boost<br>ON/OFF Charge<br>RGB Fusion<br>Smart Backup<br>System Information Viewer<br>Support for Q-Flash Plus<br>Support for Q-Flash<br>Support for Xpress Install |
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## Warranty Information

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|------------------------|--------|
| Manufacturing Warranty | 3 year |
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