

## GIGABYTE B650M S2H AM5 Micro-ATX Motherboard

Sale Price: 15500.0



PRODUCT ID: 02578

### Basic Information

|               |  |
|---------------|--|
| Supported CPU | AMD Socket AM5, support for:<br>AMD Ryzen™ 8000 & 7000 Series Processors                                 |
| Chipset       | AMD B650   |
| 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; 23.0cm x 22.5cm   |
| Audio         | Realtek Audio CODEC<br>High Definition Audio<br>2/4/5.1/7.1-channel                                      |

### Expansion Slots

|     |  |
|-----|--|
| PCI | CPU:<br>- 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x16<br>Chipset:<br>- 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1 |
|-----|--|

### Memory

|                  |  |
|------------------|--|
| Type             | DDR5   |
| Slots            | 2 x DIMM   |
| Supported Memory | Support for DDR5 6400(OC) / 6200(OC) / 6000(OC) / 5600(OC) / 5200 / 4800 / 4400 MT/s memory modules<br>Dual channel memory architecture<br>Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules<br>Support for AMD EXtended Profiles for Overclocking (AMD EXPO™) and Extreme Memory Profile (XMP) memory modules |
| Maximum Memory   | up to 96 GB (48 GB single DIMM capacity)   |

### Graphics

## Basic Information

Graphics

Integrated Graphics Processor:

- 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz

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

## Connector & Ports

|                   |   |
|-------------------|---|
| HDMI              | 1 x HDMI  |
| Display Port (s)  | 1 x DisplayPort   |
| D-Sub (s)         | 1 x D-Sub port  |
| USB (s)           | CPU:<br>- 2 x USB 3.2 Gen 1 ports on the back panel<br>- 1 x USB 2.0/1.1 port on the back panel<br>Chipset:<br>- 2 x USB 3.2 Gen 1 ports available through the internal USB header<br>- 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 | CPU:<br>- 1 x M.2 connector (Socket 3, M key, type 2580 PCIe 4.0 x4/x2 SSD support)<br>Chipset:<br>- 4 x SATA 6Gb/s connectors  |
| RAID              | RAID 0, RAID 1, and RAID 10 support for NVMe SSD storage devices<br>RAID 0, RAID 1, and RAID 10 support for SATA storage devices  |
| Audio             | 3 x audio jacks   |

## Basic Information

|                               |  |
|-------------------------------|--|
| 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>1 x addressable LED strip header</li> <li>1 x RGB LED strip header</li> <li>1 x M.2 Socket 3 connector</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 3.2 Gen 1 header</li> <li>2 x USB 2.0/1.1 headers</li> <li>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)</li> <li>1 x Clear CMOS jumper</li> </ul> <p>Back Panel Connectors</p> <ul style="list-style-type: none"> <li>4 x USB 2.0/1.1 ports</li> <li>1 x PS/2 keyboard/mouse port</li> <li>1 x Q-Flash Plus button</li> <li>2 x USB 3.2 Gen 1 ports</li> <li>1 x RJ-45 port</li> </ul> |
| 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 | <ul style="list-style-type: none"> <li>Support for GIGABYTE Control Center (GCC)</li> <li>Support for Q-Flash</li> <li>Support for Q-Flash Plus</li> </ul> |
| Bundled Software | <ul style="list-style-type: none"> <li>Norton Internet Security (OEM version)</li> <li>LAN bandwidth management software</li> </ul>                        |

## Warranty Information

|                        |         |
|------------------------|---------|
| Manufacturing Warranty | 3 Years |
|------------------------|---------|