



SPECIFICATIONS

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|-----------------------------|--|
| Model Name | B650M PROJECT ZERO |
| CPU Support | Supports AMD Ryzen™ 8000 / 7000 Series Desktop Processors |
| CPU Socket | Socket AM5 |
| Chipset | AMD B650 Chipset |
| Graphics Interface | 1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x1 slot |
| Display Interface | Support 4K@60Hz as specified in HDMI 2.1, DisplayPort 1.4 - Requires Processor Graphics |
| Memory Support | 4 DIMMs, Dual Channel DDR5-7600+ (OC) |
| Storage | 2x M.2 Gen4 x4 64Gbps slots 4x SATA 6Gbps ports |
| USB ports | 1x USB 3.2 Gen 2x2 20Gbps (Type-C) 5x USB 3.2 Gen 2 10Gbps (3 Type-C + 2 Type-A) 3x USB 3.2 Gen 1 5Gbps (4 Type-A) 6x USB 2.0 |
| LAN | 1x Realtek® 8125BG 2.5Gbps LAN |
| Wireless / Bluetooth | AMD Wi-Fi 6E, Bluetooth 5.3 |
| Audio | 8-Channel (7.1) HD Audio with Audio Boost |

FEATURES



Back-Connect Design

Move the connectors to the back to provide a cleaner and neater front view and significantly reduces the difficulty of cable management.



Extended Heatsink Design

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.



Latest DDR5 Memory

A huge step of DDR performance enhancement with the latest DDR5 memory and MSI Memory Boost technology.



Lightning Gen4 Solution

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.



M.2 Shield FROZR

M.2 thermal accessory. Keeps M.2 SSDs safe while preventing throttling, making them run faster.



Wi-Fi 6E

The latest wireless solution supports 6GHz spectrum, MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



2.5G Network Solution

Featuring premium 2.5G LAN with LAN manager to deliver better network experience.



Lightning USB 20G

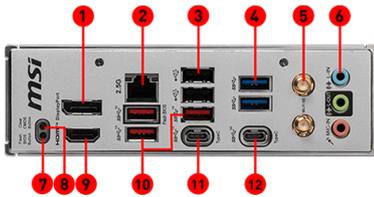
Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



Memory Boost

Advanced technology to deliver pure data signals for the best performance, stability and compatibility.

CONNECTIONS



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|---------------------------------|-----------------------------------|
| 1. DisplayPort 1.4 | 2. 2.5G LAN Port |
| 3. USB 2.0 Port | 4. USB 3.2 Gen 1 5Gbps Type-A |
| 5. Wi-Fi / Bluetooth Antenna | 6. Audio Connectors |
| 7. Flash BIOS Button | 8. Clear CMOS Button |
| 9. HDMI 2.1 Port | 10. USB 3.2 Gen 2 10Gbps Type-A |
| 11. USB 3.2 Gen 2 10Gbps Type-C | 12. USB 3.2 Gen 2x2 20Gbps Type-C |