



## FEATURES



### 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.



### EZ Debug LED

Easiest way to troubleshoot.



### Frozr AI Cooling

Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.



### Memory Boost

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



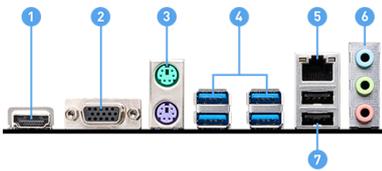
### Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.

## SPECIFICATIONS

<b>Model Name</b>	PRO B650M-E
<b>CPU Support</b>	Supports AMD Ryzen™ 8000 / 7000 Series Desktop Processors
<b>CPU Socket</b>	Socket AM5
<b>Chipset</b>	AMD B650 Chipset
<b>Expansion Slots</b>	1x PCIe 4.0 x16 slot 1x PCIe 3.0 x1 slot
<b>Display Interface</b>	Support 4K@60Hz as specified in HDMI™ 2.1, VGA - Requires Processor Graphics
<b>Memory Support</b>	2 DIMMs, Dual Channel DDR5-6800+MHz (OC)
<b>Storage</b>	1x M.2 Gen4 x4 64Gbps slot, 4x SATA 6Gbps ports
<b>USB ports</b>	6x USB 3.2 Gen 1 5Gbps(6 Type-A), 6x USB 2.0
<b>LAN</b>	Realtek® RTL8111H Gigabit LAN
<b>Audio</b>	8-Channel (7.1) HD Audio with Audio Boost

## CONNECTIONS



- |                   |                                 |
|-------------------|---------------------------------|
| 1. HDMI™          | 2. VGA                          |
| 3. Keyboard/Mouse | 4. USB 3.2 Gen 1 5Gbps (Type-A) |
| 5. LAN port       | 6. Audio connectors             |
| 7. USB 2.0        |                                 |