



## SPECIFICATIONS

|                    |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------|
| Model Name         | Z270 GAMING M7                                                                                       |
| CPU support        | Supports 7th / 6th Gen Intel® Core™ i3/i5/i7 processors, and Intel® Pentium® and Celeron® processors |
| CPU socket         | LGA 1151                                                                                             |
| Chipset            | Intel® Z270 Chipset                                                                                  |
| Graphics Interface | 3 x PCI-E 3.0 x16 slots<br>2-way SLI / 3-way CrossFire                                               |
| Display Interface  | DisplayPort, HDMI™                                                                                   |
| Memory support     | 4 DIMMs, Dual Channel<br>DDR4-4133+(OC)                                                              |
| Expansion slots    | 3 x PCI-E x1 slots                                                                                   |
| SATA / M.2 / U.2   | 6 x SATA 6Gb/s ports, 3 x M.2 slots, 1 x U.2 port                                                    |
| Intel® Optane™     | Intel® Optane™ Memory Ready                                                                          |
| SATA RAID          | RAID 0,1,5,10                                                                                        |
| USB 3.1 Gen2       | 3 x USB 3.1 Gen2 (Type A+C)                                                                          |
| USB 3.1 Gen1       | 6 x USB 3.1 Gen1                                                                                     |
| USB 2.0            | 7 x USB 2.0                                                                                          |
| LAN                | Killer™ E2500 Gigabit LAN                                                                            |
| Audio              | 7.1-Channel High Definition Audio with S/PDIF                                                        |
| Form Factor        | ATX                                                                                                  |

## FEATURES



### Game Boost

One second automated overclocking. Turn the dial and your PC gets another adrenalin shot.



### Turbo M.2 with Steel Armor

Turbo M.2, shielded with Steel Armor, running at PCI-E Gen3 x4 maximizes performance for NVMe based SSDs.



### Lightning USB 3.1 Gen2

Powered by the ASMedia ASM2142 USB 3.1 Gen2 controller, Lightning USB offers the fastest USB speeds.



### VR Boost

Best virtual reality game experience without latency. A dedicated VR chip helps reduce motion sickness.



### Killer Game Networking

The best online gaming experience through hardware design and bandwidth management offering the lowest latency.



### Audio Boost 4 Pro

Isolated audio with 2x audio processors & Nahimic for the most immersive gaming experience, front & rear.



### M.2 Shield

Onboard M.2 thermal solution to keep M.2 SSDs safe while preventing throttling, making them run cooler & faster.



### DDR4 Boost with Steel Armor

Fully isolated and shielded DIMM slots to deliver pure data signals for the best gaming performance and stability.



### Mystic Light RGB

Personalize your PC with 16.8 million colors / 10 effects controlled in one click with MYSTIC LIGHT APP or a mobile device.



CONNECTIONS



- |                                   |                                  |
|-----------------------------------|----------------------------------|
| 1. PS/2 GAMING Device Port        | 2. DisplayPort                   |
| 3. Killer™ E2500 Gigabit LAN Port | 4. LIGHTNING USB 3.1 Gen2 Type-A |
| 5. HD Audio Connectors            | 6. USB 2.0 Ports                 |
| 7. Clear CMOS Button              | 8. Flash BIOS Button             |
| 9. HDMI™                          | 10. VR Ready USB 3.1 Gen1 Ports  |
| 11. LIGHTNING USB 3.1 Gen2 Type-C | 12. Optical S/PDIF-Out           |