



## 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.

## 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 2-way SLI / 3-way CrossFire
Display Interface	DisplayPort, HDMI™
Memory support	4 DIMMs, Dual Channel 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



## 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