

## **Z270 GAMING M7**

FLAWLESS SUPREMACY





### **SPECIFICATIONS**

Model Name Z270 GAMING M7

Supports 7th / 6th Gen Intel®

Core<sup>™</sup> i3/i5/i7 processors, **CPU** support

and Intel® Pentium® and

Celeron® processors

CPU socket LGA 1151

Chipset Intel® Z270 Chipset

Graphics 3 x PCI-E 3.0 x16 slots

Interface 2-way SLI / 3-way CrossFire

Display Interface DisplayPort, HDMI™

4 DIMMs, Dual Channel Memory support

DDR4-4133+(OC)

**Expansion slots** 3 x PCI-E x1 slots

6 x SATA 6Gb/s ports, 3 x M.2 SATA / M.2 / U.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

7.1-Channel High Definition Audio

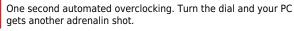
Audio with S/PDIF

Form Factor **ATX** 

### **FEATURES**



#### **Game Boost**





#### 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.



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

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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.



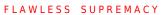
#### **Mystic Light RGB**

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



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# **Z270 GAMING M7**





# **CONNECTIONS**

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1. PS/2 GAMING Device Port

3. Killer™ E2500 Gigabit LAN Port

5. HD Audio Connectors

7. Clear CMOS Button

9. HDMI™

DisplayPort

4. LIGHTNING USB 3.1 Gen2 Type-A

6. USB 2.0 Ports

8. Flash BIOS Button

10. VR Ready USB 3.1 Gen1 Ports

11. LIGHTNING USB 3.1 Gen2 Type-C 12. Optical S/PDIF-Out