

msi[®]



MOTHERBOARD
Z170A
GAMING M7



**ENTHUSIAST
GAMING**



USB 3.1 TYPE-C
GEN 2 TYPE-A

gaming.msi.com

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The MSI® Z170A GAMING M7 motherboard is designed to provide gamers the best gaming experience through genuine GAMING design, best-in-class gaming features and the latest technology. The Z170A GAMING M7 motherboard is an engineering masterpiece tailored to gaming perfection.

DDR4 BOOST & XMP LED

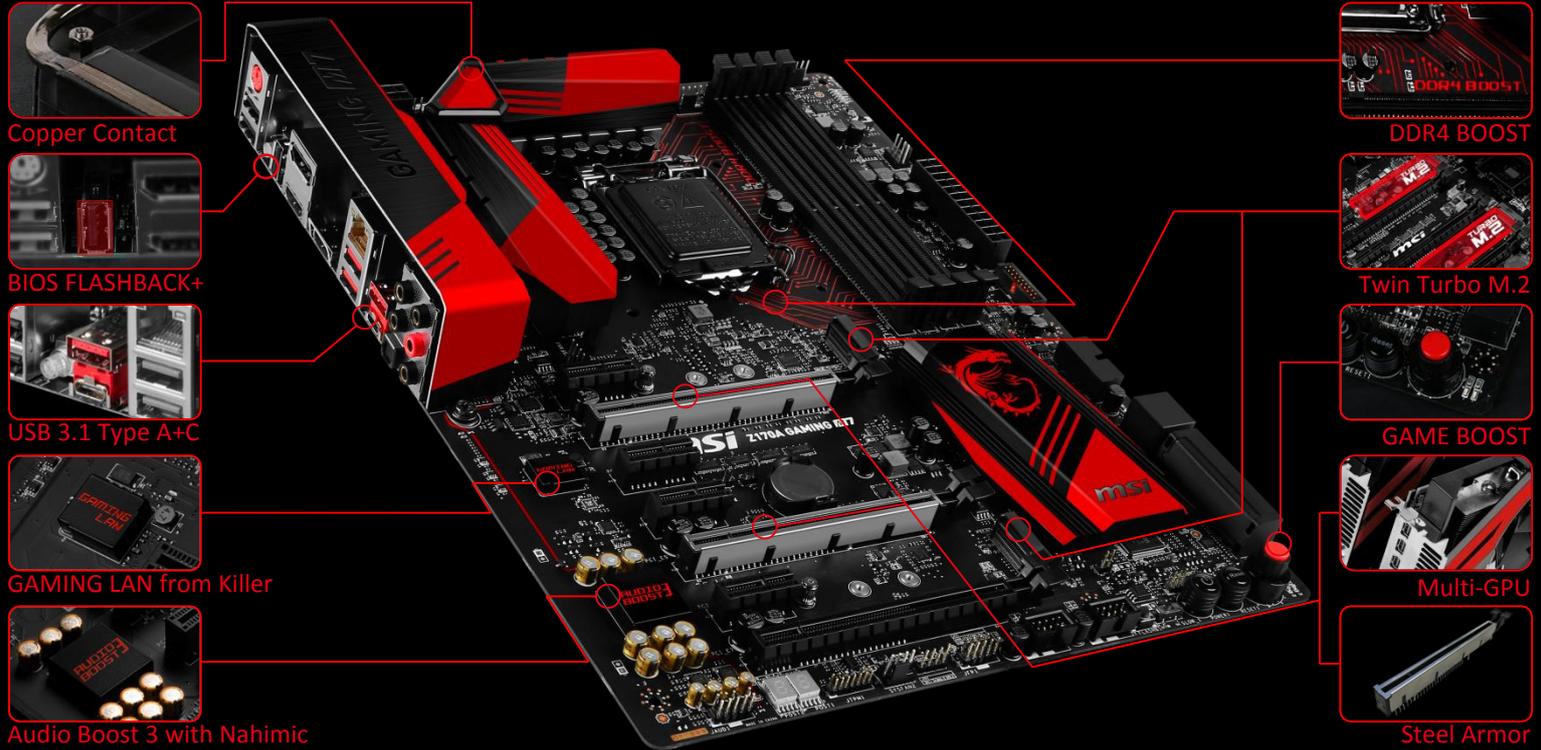
By fully isolating the memory circuitry from other components, DDR4 Boost ensures the memory signal to stay pure for maximum performance and stability.

GAME BOOST

Generate more FPS in games! Use the Game Boost dial with automated overclocking settings that goes up to eleven and reach for 5GHz.

AUDIO BOOST 3 & NAHIMIC

The ultimate audio solution for gamers, powered by Nahimic Audio Enhancer. With dual OPA1652 AMPs and metal EMI Shielding you get breathtaking sound quality.



MSI GAMING LAN POWERED BY KILLER™

MSI GAMING LAN is powered by the Killer™ LAN E2400 Network Controller featuring intelligent AES 2.0 to automatically prioritize games above other applications. GAMING LAN uses LAN Protect with 15KV anti-surge protection for safety, highlighted with a red LED in the LAN port.

SPECIFICATIONS

CPU support	Supports 6th Gen Intel® Core™ / Pentium® / Celeron® Processors
CPU socket	LGA 1151
Chipset	Intel® Z170 Chipset
Graphics interface	3 * PCI-E 3.0 x16, Steel Armor PCI-E slots, 2-Way NVIDIA® SLI®, 3-Way AMD CrossFire™ support
Display Interface	1 * DisplayPort, 2 * HDMI – Requires Processor Graphics
Memory support	4 DIMMs, Dual Channel DDR4-3600+(OC)
Expansion slots	4 * PCI-E x1 slots
M.2 / SATA	2 * M.2 32 Gb/s, 6 * SATA 6 Gb/s (4 ports reserved for SATA Express)
SATA RAID	RAID 0, 1, 5, 10 – Available on SATA1 to SATA6
USB	1 * USB 3.1 Gen2 Type-C, 1 * USB 3.1 Gen2 Type-A, 6 * USB 3.1 Gen1, 7 * USB 2.0
LAN	1 * Killer™ E2400 Gigabit LAN
Audio	8-channel Audio Boost 3 with Nahimic

I/O OVERVIEW

