

msi[®]



MOTHERBOARD

Z170A-G45 GAMING



**ENTHUSIAST
GAMING**



USB 3.1 TYPE-C
GEN 2 TYPE-A

gaming.msi.com

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The MSI® Z170A-G45 GAMING 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-G45 GAMING motherboard is an engineering masterpiece tailored to gaming perfection.

DDR4 BOOST & XMP LED

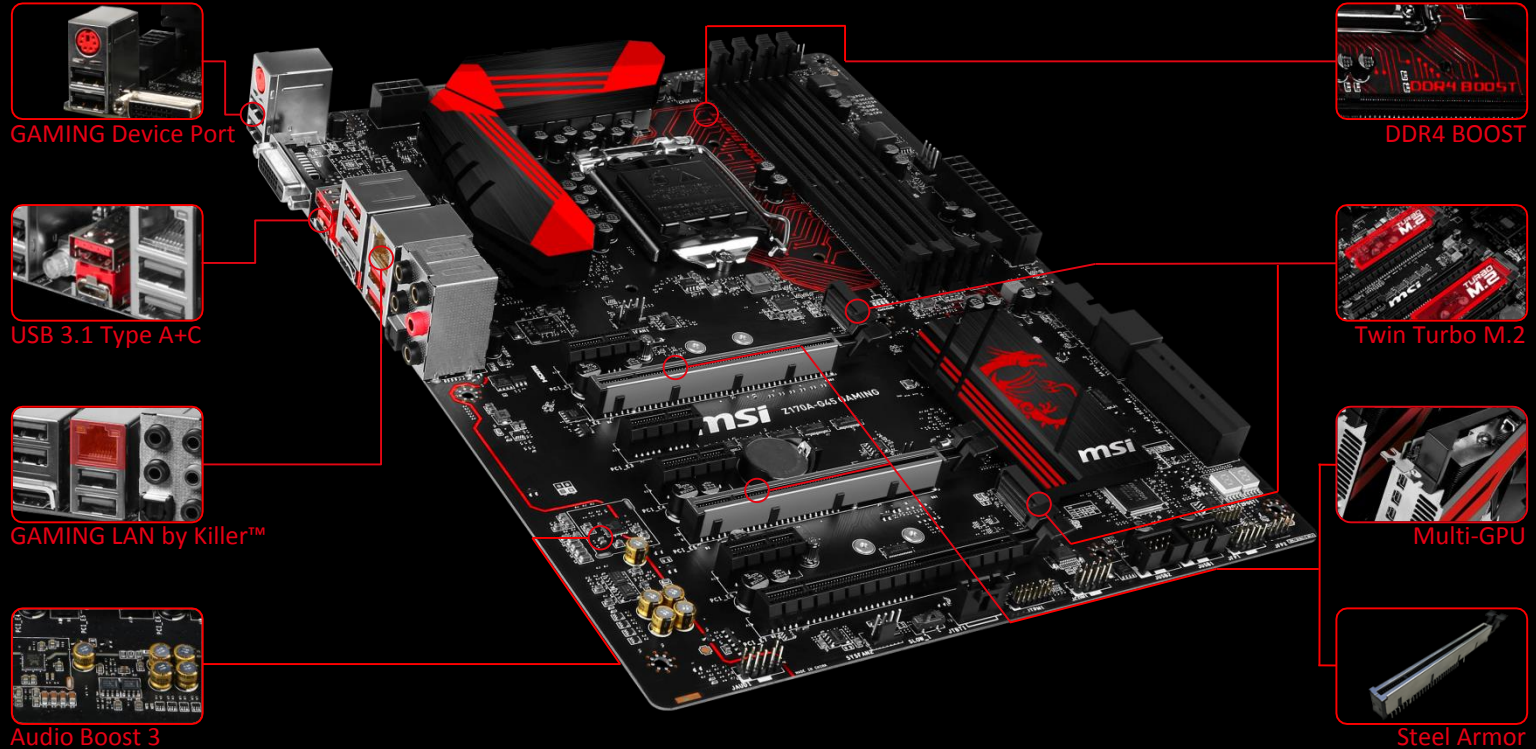
By fully isolating the memory circuitry from other components, DDR4 Boost ensures the memory signal to stay pure for maximum performance and stability.

TWIN TURBO M.2 - GEN3 X4

Twin Turbo M.2 delivers next generation M.2 performance through a PCI-Express 3.0 x4 interface. Delivering transfer speeds 3 times as fast as conventional M.2 solutions, up to 64 Gb/s.

AUDIO BOOST 3

Audio Boost 3 is the ultimate audio solution for gamers. With dual OPA1652 AMPs, 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 * HDMI, 1 * DVI Port – 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, 6 * USB 2.0
LAN	1 * Killer™ E2400 Gigabit LAN
Audio	8-channel Audio Boost 3 with Nahimic

I/O OVERVIEW

