MOTHERBOARDS
X299 GAMING M7 ACK
FLAWLESS SUPREMACY



SPECIFICATIONS

Model Name	X299 GAMING M7 ACK
Segment	Enthusiast GAMING
CPU support	Supports New Intel® Core™ X-series Processor Family
CPU socket	LGA 2066
Chipset	Intel® X299 Chipset
Graphics Interface	4 x PCI-E 3.0 x16 slot, 3-way SLI / CrossFire
Memory support	8 DIMMs, Quad Channel DDR4-4133(OC)+, Dual Channel DDR4-4500(OC)+
Expansion slots	2 x PCI-E 3.0 x1 slots
SATA / M.2 / U.2	8x SATA 6Gb.s ports, 2x Turbo M.2 slots, 1x Turbo U.2 connector
Intel® Optane™	Intel® Optane™ Memory Ready
USB 3.1 Gen2	3 x USB 3.1 Gen2 (Type A+C)
USB 3.1 Gen1	8 x USB 3.1 Gen1
USB 2.0	7 x USB 2.0
LAN	Killer™ E2500 Gigabit LAN
Wireless / BT	IKiller™ Wireless-AC 1535, Bluetooth 4.2
Audio	7.1 Channel High Definition Audio with S/PDIF
Form Factor	ATX

FEATURES

1. M.2 SHIELD FROZR: Strengthened built-in M.2 thermal solution. Keeps M.2 safer and faster.
2. 3D Printing Support: Modify and customize your system with the use of special 3D screws.
3. Mystic Light: Personalize your PC with 16.8 million colors / 17 effects controlled in one click with the Mystic Light APP or a mobile device.
4. Audio Boost 4 PRO: Isolated audio with 2x audio processors & Nahimic 2+ for the most immersive gaming experience.
5. Killer DoubleShot PRO: Delivers industry-leading speed using Killer's Lag and Latency Reduction™ Technology via both Killer Ethernet and WIFI
6. Designed for Extreme Performance: TURBO SOCKET with GAME BOOST, DIGITALL POWER Design
7. Lightning Fast Game experience: TWIN TURBO M.2 and Intel Optane Memory Ready, Turbo U.2, LIGHTNING USB 3.1 GEN2
8. DDR4 Boost with Steel Armor: Fully isolated, shielded and optimized DDR4 PCB design to give your DDR4 memory a performance boost.

REAR CONNECTORS

1. Clear CMOS Button
2. Keyboard / Mouse
3. Killer™ 1535 Wi-Fi & Bluetooth
4. Killer™ E2500 Gigabit LAN
5. Golden Audio Connectors
6. BIOS Flashback Button
7. USB 2.0
8. USB 2.0 / BIOS Flashback+
9. USB 3.1 Gen1
10. USB 3.1 Gen2 Type-A/C
11. Optical S/PDIF-Out

