MOTHERBOARDS
X299 RAIDER
ENTER THE NEXT LEVEL



SPECIFICATIONS

Model Name	X299 RAIDER
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 Slots 3-way SLI / CrossFire
Memory support	8 DIMMs, Quad Channel DDR4-4133(OC)+, Dual Channel DDR4-4500(OC)+
Expansion slots	1 x PCI-E 3.0 x1 Slot
SATA / M.2 / U.2	8 x SATA 6Gb.s ports, 2 x Turbo M.2 slots, 1 x 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	8 x USB 2.0
LAN	Intel® I219V Gigabit LAN
Audio	7.1 Channel High Definition Audio with S/PDIF
Form Factor	ATX

FEATURES

1. DDR4 BOOST: Give your DDR4 memory a performance boost.
2. TWIN TURBO M.2 and Intel® Optane Memory Ready: NVMe support, up to 32 Gb/s using PCI-Express Gen3 x4
3. TURBO U.2 with Steel Armor: The U.2 connector, featuring Steel Armor, allows connecting of the fastest NVMe based SSDs.
4. Lightning USB 3.1 GEN2: Powered by the ASMedia ASM3142 USB 3.1 Gen2 controller, Lightning USB offers the fastest USB speeds.
5. Military Class 6: Latest evolution in high quality components for best protection and efficiency
6. Intel® LAN: Great online experience through hardware design and bandwidth management offering the lowest latency.
7. Audio Boost 4: Reward your ears with studio grade sound quality for a true HI-FI experience.
8. EZ DEBUG LED: Easiest way to troubleshoot.

REAR CONNECTORS

1. Keyboard / Mouse
2. Clear CMOS Button
3. USB 3.1 Gen1
4. Intel® Gigabit LAN
5. Golden Audio Connectors
6. USB 2.0
7. USB 3.1 Gen2 Type-A/C
8. Optical S/PDIF-Out

