



FEATURES



Extended Heatsink Design

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.



Intel® CNVi Ready

Supports Intel® CNVi Wi-Fi, IEEE 802.11 AC wave2.



Intel Turbo USB 3.1 Gen2

Powered by Intel, ensure an uninterrupted connection with more stability and fastest USB speeds.



PCI-E Steel Armor

Protecting VGA cards against bending and EMI



Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.



Turbo M.2

Running at PCI-E Gen3 x4 maximizes performance for NVMe based SSDs.



Audio Boost

Reward your ears with studio grade sound quality for the most immersive audio experience.



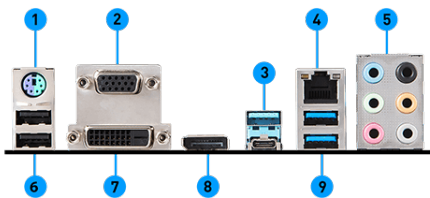
DDR4 Boost

Advanced technology to deliver pure data signals for the best gaming performance and stability.

SPECIFICATIONS

Model Name	Z390-A PRO
CPU Support	Supports 9 th /8 th Gen Intel® Core™ / Pentium® Gold / Celeron® processors
CPU Socket	LGA 1151
Chipset	Intel® Z390 Chipset
Graphics Interface	2 x PCI-E 3.0 x16 slots Support 2-way AMD® CrossFire™ Technology
Display Interface	DisplayPort, DVI-D & VGA - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4 up to 4400
Expansion Slots	4 x PCI-E x1 slots
Storage	1 x Turbo M.2 slot, supports Intel® Optane™ Technology 6 x SATA 6Gb/s
SATA RAID	RAID 0, 1, 5, 10 - Available on ports SATA1 to SATA6
USB ports	2 x USB 3.1(Gen2) Type A+C + 6 x USB 3.1(Gen1) + 6 x USB 2.0
LAN	Intel® I219-V Gigabit LAN
Audio	8-Channel(7.1) HD Audio with Audio Boost

CONNECTIONS



- | | |
|--------------------------|----------------|
| 1. PS/2 Combo | 2. VGA |
| 3. USB 3.1 Gen2 Type A+C | 4. LAN |
| 5. HD Audio Connectors | 6. USB 2.0 |
| 7. DVI-D | 8. Displayport |
| 9. USB 3.1 | |