



SPECIFICATIONS

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|--------------------------|---|
| Model Name | Z490-A PRO |
| CPU Support | Supports 10 th Gen Intel® Core™ and Pentium® Gold / Celeron® processors |
| CPU Socket | LGA 1200 |
| Chipset | Intel® Z490 Chipset |
| Graphics | 2x PCI-E 3.0 x16 slots |
| Interface | Support 2-way AMD® CrossFire™ Technology |
| Display Interface | DisplayPort, HDMI™ - Requires Processor Graphics |
| Memory Support | 4 DIMMs, Dual Channel DDR4-4800(OC) |
| Expansion Slots | 3x PCIe 3.0 x1 slots |
| Storage | 2x Turbo M.2 slots (Gen3 x4) 6x SATA 6Gb/s |
| USB ports | 2x USB 3.2 Gen 2 10Gbps (1 Type-A + 1 Type-C) 7x USB 3.2 Gen 1 5Gbps (6 Type-A + 1 Type-C) 6x USB 2.0 |
| LAN | Realtek® 8125B 2.5G LAN |
| Audio | 8-Channel(7.1) HD Audio with Audio Boost |

FEATURES



PCI-E Steel Armor

Protecting VGA cards against bending and EMI



M.2 SHIELD FROZR

Onboard M.2 thermal solution to keep M.2 SSDs safe while preventing throttling, making them run cooler & faster.



8+4 Pin power supply

By providing 8+4 pin connectors to ensure adequate power supply to unleash ultimate multi-core CPU performance.



Core Boost

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



EZ Debug LED

Easiest way to troubleshoot.



Extended Heatsink Design

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



2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.



Audio Boost

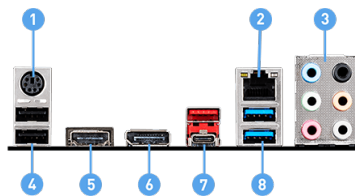
Reward your ears with studio grade sound quality for the most immersive audio experience.



DDR4 Boost

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

CONNECTIONS



- | | |
|---|-------------------------------|
| 1. Keyboard / Mouse | 2. 2.5G LAN |
| 3. Audio Connectors | 4. USB 2.0 |
| 5. HDMI™ | 6. DisplayPort |
| 7. USB 3.2 Gen 2 10Gbps Type-A + Type-C | 8. USB 3.2 Gen 1 5Gbps Type-A |