



# msi

MOTHERBOARD  
**Z490-A PRO**  
BUSINESS ELEGANCE



## SPECIFICATIONS

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

## FEATURES



### Extended Heatsink Design

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



### M.2 SHIELD FROZR

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



### 2.5G Network Solution

Featuring premium 2.5G LAN with LAN manager delivers better network experience.



### 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.



### DDR4 Boost

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



### EZ Debug LED

Easiest way to troubleshoot.



### Audio Boost

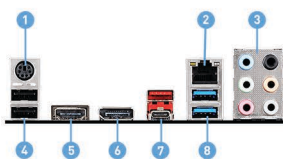
Reward your ears with studio grade sound quality for the most immersive audio experience.



### PCI-E Steel Armor

Protecting VGA cards against bending and EMI

## SPECIFICATION



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