

SPECIFICATIONS

Model Name	Z590-A PRO
CPU Support	Supports 10 th Gen Intel® Core™ Processors, 11 th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1200
Chipset	Intel® Z590 Chipset
Graphics Interface	1x PCIe 4.0 x16 slot 1x PCIe 3.0 x16 slot
Display Interface	Support 4K@60Hz as specified in HDMI 2.0b, DisplayPort 1.4 - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-5333MHz(OC)
Expansion Slots	2x PCIe 3.0 x1 slots
Storage	1x M.2 Gen4 x4 slot 2x M.2 Gen3 x4 slots 6x SATA 6Gb/s ports
USB ports	1x USB 3.2 Gen 2x2 20Gbps (Type-C) 2x USB 3.2 Gen 2 10Gbps (1 Type-C + 1 Type-A) 6x USB 3.2 Gen 1 5Gbps(6 Type-A) 8x USB 2.0
LAN	Intel® I225-V 2.5G LAN
Audio	8-Channel (7.1) HD Audio with Audio Boost

FEATURES



Dissipateur plus large

Dissipateur aux dimensions plus larges et nouveau circuit imprimé pour garantir au processeur de toujours tourner à plein régime.



2.5G Network Solution

Featuring premium 2.5G LAN with LAN manager to deliver 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

Circuit repensé et alimentation numérique pour supporter plus de cœurs et assurer de meilleures performances.



DDR4 Boost

Une technologie avancée qui délivre un signal mémoire pur, pour une expérience gaming améliorée et stable.



EZ Debug LED

Easiest way to troubleshoot.



Frozr AI Cooling

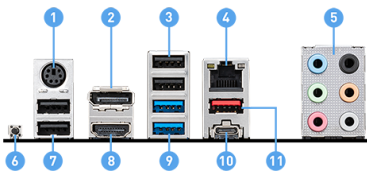
Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.



M.2 Shield Frozr

Ce slot spécial est équipé d'une bande thermoconductrice qui permet d'éviter au SSD de souffrir de surchauffe et par conséquent le phénomène de throttling.

CONNECTIONS



1. Keyboard / Mouse
2. DisplayPort
3. USB 2.0
4. LAN port
5. Audio connector
6. Flash BIOS Button
7. USB 2.0
8. HDMI
9. USB 3.2 Gen 1 5Gbps Type-A
10. USB 3.2 Gen 2x2 20Gbps Type-C
11. USB 3.2 Gen 2 10Gbps Type-A