



SPECIFICATIONS

Model Name	MEG Z490 UNIFY
CPU Support	Supports 10 th Gen Intel® Core™ and Pentium® Gold / Celeron® processors
CPU Socket	LGA 1200
Chipset	Intel® Z490 Chipset
Graphics Interface	3 x PCI-E 3.0 x16 slots Support 2-way NVIDIA® SLI™ Technology / 3-way AMD® CrossFire™ Technology
Memory Support	4 DIMMs, Dual Channel DDR4-4800MHz(OC)
Expansion Slots	2 x PCI-E 3.0 x1 slots
Storage	3 x Turbo M.2 32Gb/s slots, supports Intel® Optane™ technology 6x SATA 6Gb/s
USB ports	1 x USB 3.2 Gen 2x2 20Gbps (Type-C) + 4 x USB 3.2 Gen 2 10Gbps (3 Type-A + 1 Type-C) + 4 x USB 3.2 Gen 1 5Gbps (Type-A) + 6 x USB 2.0
LAN	Realtek® 8125B 2.5G LAN
WiFi / BT	Intel® Wi-Fi 6 AX201, Bluetooth 5.1
Audio	8-Channel(7.1) HD Audio with Audio Boost HD
Form Factor	ATX

FEATURES

Extreme Power Design



ISL digital PWM, 16+1 phases with 90A SPS and dual CPU power connectors to unleash your true power.

Aluminum Cover



Fully aluminum IO cover provide the maximum surface of heat dissipation, ready for breaking the world record!

M.2 SHIELD FROZR



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



WiFi 6

The latest wireless solution supports MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.



Triple Turbo M.2

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



Frozr Heatsink Design

Designed with double ball bearings to provide best performance for enthusiast gamers and prosumers.



Outstanding Cooling Solution

Aluminum Cover design, VRM Heat-pipe, 7W/mK thermal pads, M.2 Shield Frozr and Aluminum Backplate ensure the extreme performance with low temp.



Outstanding Cooling Solution

Aluminum Cover design, VRM Heat-pipe, 7W/mK thermal pads, M.2 Shield Frozr and MOSFET Baseplate to ensure the extreme performance with low temp.



2.5G LAN

Onboard 2.5G LAN with LAN manager, delivering the best online gaming experience.



Lightning USB 20G

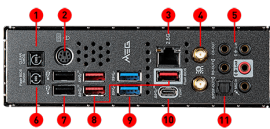
Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.



Smart Button

Reset Computer, Safe Boot, Turbo Fan and EZ LED control functions with just one click.

CONNECTIONS



- | | |
|---------------------------------|--|
| 1. Clear CMOS Button | 2. PS/2 Keyboard / Mouse Port |
| 3. 2.5G LAN | 4. Wi-Fi /Bluetooth Antenna Connectors |
| 5. HD Audio Connectors | 6. Flash BIOS Button |
| 7. USB 2.0 Ports | 8. USB 3.2 Gen 2 10Gbps (Type-A) |
| 9. USB 3.2 Gen 1 5Gbps (Type-A) | 10. USB 3.2 Gen 2x2 20Gbps (Type-C) |
| 11. Optical S/PDIF-Out | |



主機板

MEG Z490 UNIFY

PURE BLACK, PURE PERFORMANCE



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