MOTHERBOARD

MEG Z490 UNIFY

PURE BLACK, PURE PERFORMANCE



SPECIFICATIONS

Model Name	MEG Z490 UNIFY
CPU Support	Supports 10th 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.

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.

Smart Button

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

Triple Turbo M.2

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

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.

Lightning USB 20G

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

Frozr Heatsink Design

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

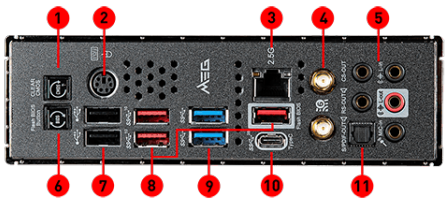
Aluminum Cover

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

2.5G LAN

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

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

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