PLACAS MADRE

# 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<br>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<br>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.

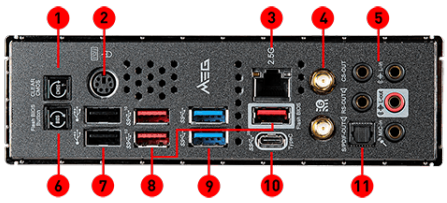
**Aluminum Cover**

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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