



## SPECIFICATIONS

<b>Model Name</b>	MEG Z490I UNIFY
<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>	1x PCI-E 3.0 x16 slot
<b>Display Interface</b>	Thunderbolt™ 3 (Type-C), DisplayPort port 1.4, HDMI™ - Requires Processor Graphics
<b>Memory Support</b>	2 DIMMs, Dual Channel DDR4-5000MHz(OC)
<b>Storage</b>	2 x Turbo M.2 32Gb/s slots, supports Intel® Optane™ technology 4x SATA 6Gb/s
<b>USB ports</b>	3 x USB 3.2 Gen 2 10Gbps (1 Type-A + 2 Type-C) + 4 x USB 3.2 Gen 1 5Gbps (Type-A) + 4 x USB 2.0
<b>LAN</b>	Realtek® 8125B 2.5G LAN
<b>WiFi / BT</b>	Intel® Wi-Fi 6 AX201, Bluetooth 5.1
<b>Audio</b>	8-Channel(7.1) HD Audio with Audio Boost 4
<b>Form Factor</b>	Mini-ITX

## FEATURES



### Thunderbolt 3 Port

Thunderbolt™ 3 brings Thunderbolt to USB-C at speeds up to 40 Gb/s, creating one compact port that does it all.



### Aluminum Cover

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



### Extreme Power Design

ISL Digital PWM, Direct 8 Phases with 90A SPS and dual CPU power connectors unleash your true power.



### WiFi 6

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



### Pre-installed I/O Shielding

Better EMI protection and more convenience for installation



### Twin Turbo M.2

With 2 x M.2 slots. Running at PCI-E Gen3 x4 maximizes performance for NVMe based SSDs.



### Extreme Power Design

ISL Digital PWM, Direct 8 Phases with 90A SPS and dual CPU power connectors unleash your true power.



### Direct 8 Phases with 90A SPS

INTERSIL digital PWM, direct 8 phases with 90A Smart Power Stage, Titanium Choke III and Core Boost to unleash the maximum performance.



### 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

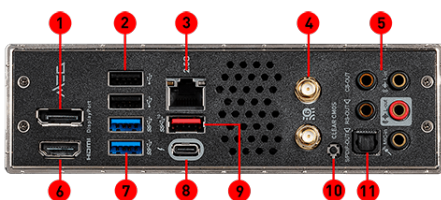
Aluminum Cover design, VRM Heat-pipe, 7W/mK thermal pads, M.2 Shield Frozr and MOSFET Baseplate to ensure the extreme performance with low temp.



### 2.5G LAN

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

## CONNECTIONS



1. DisplayPort
2. USB 2.0
3. 2.5G LAN
4. Wi-Fi /Bluetooth Antenna Connectors
5. HD Audio Connectors
6. HDMI™ Port
7. USB 3.2 Gen1 5Gbps (Type-A)
8. Thunderbolt 3 (40Gbps)
9. USB 3.2 Gen2 10Gbps (Type-A)
10. Clear CMOS Button
11. Optical S/PDIF-Out