



msi

MOTHERBOARDS

MEG Z490I UNIFY

PURE BLACK, PURE PERFORMANCE



SPECIFICATIONS

Model Name	MEG Z490I UNIFY
CPU Support	Supports 10 th Gen Intel® Core™ and Pentium® Gold / Celeron® processors
CPU Socket	LGA 1200
Chipset	Intel® Z490 Chipset
Graphics Interface	1x PCI-E 3.0 x16 slot
Display Interface	Thunderbolt™ 3 (Type-C), DisplayPort port 1.4, HDMI - Requires Processor Graphics
Memory Support	2 DIMMs, Dual Channel DDR4-5000MHz(OC)
Storage	2 x Turbo M.2 32Gb/s slots, supports Intel® Optane™ technology 4x SATA 6Gb/s
USB ports	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
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 4
Form Factor	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

Die erweiterte Ganzmetallkühlkörperabdeckung vergrößert die Oberfläche der Wärmeableitung und sorgt dafür, dass auch High-End-Prozessoren mit voller Geschwindigkeit laufen



Extreme Power Design

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



2.5G LAN

Das integrierte 2,5G Gigabit LAN sichert mit dem Gaming LAN Manager die beste Online-Gaming-Erfahrung



WiFi 6

Die neue kabellose Netzwerk-Lösung unterstützt MU-MIMO- und BSS-Color-Technik und ermöglicht so Geschwindigkeiten bis zu 2400 Mb/s.



Pre-installed I/O Shielding

Better EMI protection and more convenience for installation



Frozr Heatsink Design

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



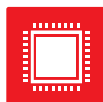
Twin Turbo M.2

In beiden M.2 Slots werden NVMe basierte SSDs durch PCI-E Gen3 x4 höhere Leistung erbringen.



Outstanding Cooling Solution

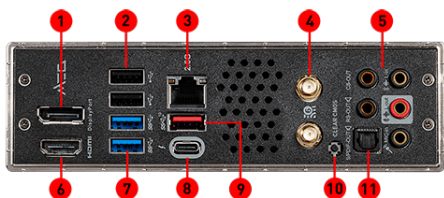
Aluminum Cover design, VRM Heat-pipe, 7W/mK thermal pads, M.2 Shield Frozr and Aluminum Backplate ensure the extreme performance with low temp.



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.

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