MADE TO SHATTER RECORDS





# **SPECIFICATIONS**

<b>Model Name</b>	MEG Z890 UNIFY-X
CPU Support	Support Intel® Core™ Ultra Processors (Series 2)
CPU Socket	LGA 1851
Chipset	Intel® Z890 Chipset
Expansion Slots	2x PCle 5.0 x16 slots,
	1x PCle 4.0 x16 slot,
	1x PCle 4.0 x1 slot
Display Interface	2x Thunderbolt™ 4 (Type-C),
	- Requires Processor Graphics
Memory Support	2 DIMMs, Dual Channel DDR5 9600+ MT/s (OC)
Storage	1x M.2 Gen 5 x4 128Gbps slot,
	5x M.2 Gen 4 x4 64Gbps slots,
	*M.2_4 support Gen 5 x4 by manual BIOS adjustment
	6x SATA 6Gbps ports
Thunderbolt™ 4	2x USB Type-C up to 40Gbps,
	Charging support up to 5V/3A, 15W
USB ports	1x USB 20Gbps (1 Type-C),
	10x USB 10Gbps (8 Type-A + 2 Type-C),
	4x USB 5Gbps (4 Type-A),
	4x USB 2.0
LAN	Intel <sup>®</sup> Killer™ E5000B 5Gbps LAN
WiFi / BT	Intel <sup>®</sup> Killer™ BE1750x Wi-Fi 7, Bluetooth 5.4
Audio	8-Channel (7.1) USB High Performance Audio with Audio Boost 5

### **FEATURES**



# **Extreme DDR5 Memory OC**

The top-notch R&D design and exclusive 2 DIMM solution for an even clearer DDR5 memory signal to deliver the world class memory performance.



### Ultra Power +

The ultimate power solution with Direct 20+2+1+1 phases, 110A SPS, and OC Engine unleashes maximum CPU performance.



### Frozr Design

Direct Touch Cross Heat-pipe, Aluminum Cover, Double-sided M.2 Shield Frozr, Metal Backplate and Frozr Al software ensure the utmost performance with low temp.



## Dual Thunderbolt™ 4 ports

Thunderbolt<sup>™</sup> 4 brings Thunderbolt to USB-C at true 40 Gb/s speeds, 8K display support, Daisy-Chain, Multi-Port Accessory Architecture and USB 4.0 compliant.



### **5G Network Solution**

Featuring premium 5G LAN to deliver better network experience.



#### Wi-Fi 7

The latest wireless solution with a new 320MHz channel, achieving a maximum transmission speed of 5.8Gbps, which is 2.4 times faster than Wi-Fi 6/6E.



### Onboard 6x M.2 Connectors

Sextuple M.2 connectors with Lightning Gen 5 solution. Doublesided M.2 Shield Frozr keeps M.2 SSDs safe while preventing throttling, making them run faster.



# EZ M.2 Shield Frozr II

The new tool-less design makes installing or removing your M.2 SSD and Shield Frozr much easier



## **EZ PCIe Release**

A simple press of a button to effortlessly lock or unlock the PCIe slot, simplifying the installation and removal of the graphics card.



### Lightning Gen 5

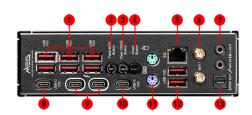
The latest PCIe 5.0 solution with up to 128GB/s bandwidth for maximum transfer speed.



## **Audio Boost 5**

Isolated audio with a high quality audio processor & amp for the most immersive gaming experience.

# **CONNECTIONS**



- 1. USB 10Gbps (Type-A)
- 3. Clear CMOS Button
- 5. 5G LAN
- 7. HD Audio Connectors
- 9. Thunderbolt 4 40Gbps (Type-C)
- 11. Keyboard / Mouse
- 13. Optical S/PDIF-Out

- 2. Flash BIOS Button
- 4. Smart Button
- 6. Wi-Fi / Bluetooth
- 8. USB 10Gbps (Type-C)
- 10. USB 10Gbps (Type-C)
- 12. USB 10Gbps (Type-A)