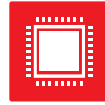




## SPECIFICATIONS

|                          |   |
|--------------------------|---|
| <b>Model Name</b>        | MEG B550 UNIFY-X  |
| <b>CPU Support</b>       | Support 3rd Gen AMD Ryzen™ Desktop Processors and AMD Ryzen™ 4000 G-Series Desktop Processors |
| <b>CPU Socket</b>        | AMD Socket AM4  |
| <b>Chipset</b>           | AMD B550 Chipset  |
| <b>Graphics</b>          | 1x PCI-E 4.0/3.0 x16 slot + 1x PCI-E 3.0 x16 slot   |
| <b>Interface</b>         | Support 2-way AMD CrossFire™ Technology   |
| <b>Display Interface</b> | HDMI™ 2.1 Port - Requires Processor Graphics  |
| <b>Memory Support</b>    | 2 DIMMs, Dual Channel DDR4-5300MHz+ (MAX 5800)  |
| <b>Expansion Slots</b>   | 2x PCI-E 3.0 x1 slots   |
| <b>Storage</b>           | 3x Gen4 x4 M.2 slots + 1x Gen3 x4 M.2 slot<br>6x SATA 6Gb/s ports                             |
| <b>USB Ports</b>         | 5x USB 3.2 Gen 2 10Gbps (3 Type-A + 2 Type-C)<br>2x USB 3.2 Gen 1 5Gbps<br>8x USB 2.0         |
| <b>LAN</b>               | Realtek® 8125B-CG 2.5G LAN  |
| <b>Wireless / BT</b>     | Intel® Wi-Fi 6 AX200, Bluetooth 5.1   |
| <b>Audio</b>             | 8-Channel(7.1) HD Audio with Audio Boost 4  |
| <b>Form Factor</b>       | ATX   |

## FEATURES



### Extreme Power Design

Direct 14+2 phases with 90A Power Stage and dual CPU power connectors to unleash your true power.



### Aluminum Cover

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



### Double Side M.2 Shield Frozr

Double side M.2 thermal solution to keep M.2 SSDs safe while preventing throttling, making them run cooler & faster.



### Quadruple M.2 Connectors

Maximum onboard 4x M.2 slots, PCI-E 4.0 support.



### WiFi 6

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



### Dedicated for Extreme OC

The top-notch R&D design and exclusive 2 DIMM solution deliver the world class memory performance.



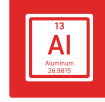
### Lightning Gen4 Solution

The latest Gen4 PCI-E and M.2 solution with up to 64GB/s bandwidth for maximum transfer speed.



### 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.



### Dual M.2 Connectors

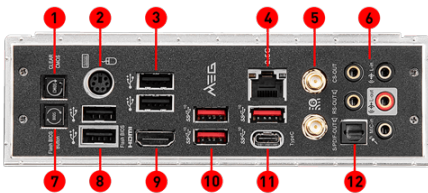
Onboard dual M.2 connectors for the maximum storage performance with one Lightning Gen 4 solution.



### 2oz Thickened Copper PCB

An enhanced PCB design improves heat dissipation and performance reliability.

## CONNECTIONS



1. Clear CMOS Button
2. Keyboard / Mouse
3. USB 2.0 Ports
4. 2.5G LAN
5. Wi-Fi /Bluetooth
6. HD Audio Connectors
7. Flash BIOS Button
8. USB 2.0 Ports
9. HDMI™ 2.1 Port
10. USB 3.2 Gen 2 10Gbps (Type-A)
11. USB 3.2 Gen 2 10Gbps (Type-A+C)
12. Optical S/PDIF-Out