PLACAS MADRE

MEG B550 UNIFY

PURE BLACK, PURE PERFORMANCE



SPECIFICATIONS

Model Name	MEG B550 UNIFY
CPU Support	Support 3rd Gen AMD Ryzen™ Desktop Processors and AMD Ryzen™ 4000 G-Series Desktop Processors
CPU Socket	AMD Socket AM4
Chipset	AMD B550 Chipset
Graphics Interface	1x PCI-E 4.0/3.0 x16 slot + 1x PCI-E 3.0 x16 slot Support 2-way AMD CrossFire™ Technology
Display Interface	HDMI™ 2.1 Port – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-5100MHz(OC)
Expansion Slots	2x PCI-E 3.0 x1 slots
Storage	3x Gen4 x4 M.2 slots + 1x Gen3 x4 M.2 slot 6x SATA 6Gb/s ports
USB Ports	5x USB 3.2 Gen 2 10Gbps (3 Type-A + 2 Type-C) 2x USB 3.2 Gen 1 5Gbps 8x USB 2.0
LAN	Realtek® 8125B-CG 2.5G LAN
Wireless / BT	Intel® Wi-Fi 6 AX200, Bluetooth 5.1
Audio	8-Channel(7.1) HD Audio with Audio Boost 4
Form Factor	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.

Lightning Gen4 Solution

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

Quadruple M.2 Connectors

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

2.5G LAN

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

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

2oz Thickened Copper PCB

An enhanced PCB design improves heat dissipation and performance reliability.

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.

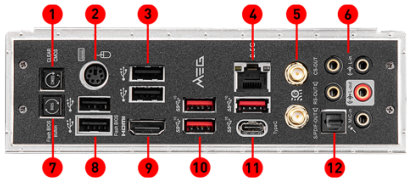
Dual M.2 Connectors

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

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.

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

Generated 2023-03-31, check for the latest version www.msi.com/datasheet. The information provided in this document is intended for informational purposes only and is subject to change without notice.

© 2023 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved.