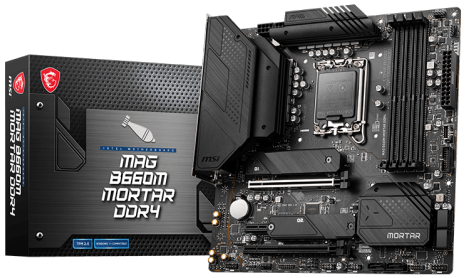
MOTHERBOARD

MAG B660M MORTAR DDR4

CONQUER THE BATTLEFIELD

Copper PCB 2oz



SPECIFICATIONS

Model Name	MAG B660M MORTAR DDR4
CPU Support	Supports 12th/ 13th Gen Intel® Core™ Processors, Pentium® Gold and Celeron® Processors
CPU Socket	LGA 1700
Chipset	Intel® B660 Chipset
Graphics Interface	1x PCIe 4.0 x16 slot, 1x PCIe 3.0 x16 slot Supports AMD CrossFire™ Technology
Display Interface	Support 4K@60Hz as specified in HDMI™ 2.1, DisplayPort 1.4 – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-4800+ (OC)
Expansion Slots	1x PCIe 3.0 x1 slot
Storage	2x M.2 Gen4 x4 64Gbps slots, Support Intel® Optane™ Technology, 6x SATA 6Gbps ports
USB ports	1x USB 3.2 Gen 2x2 20Gbps (Type-C), 4x USB 3.2 Gen 2 10Gbps (3 Type-A + 1 Type-C), 2x USB 3.2 Gen 1 5Gbps (Type-A), 8x USB 2.0
LAN	1x Realtek® RTL8125BG 2.5Gbps LAN
Audio	8-Channel (7.1) HD Audio

FEATURES

Lightning Gen4 Solution

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

M.2 Shield FROZR

M.2 thermal accessory. Keeps M.2 SSDs safe while preventing throttling, making them run faster.

Memory Boost

Advanced technology to deliver pure data signals for the best performance, stability and compatibility.

Core Boost

With premium layout and fully digital power design to support more cores and provide better performance.

Extended Heatsink Design

MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.

Frozr AI Cooling

Detect CPU & GPU temperatures and automatically adjust system fan duty to a proper value.

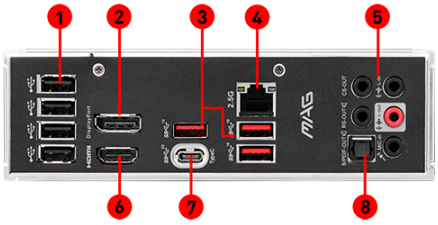
2.5G Network Solution

Featuring premium 2.5G LAN to deliver better network experience.

Lightning USB 20G

Built-in USB 3.2 Gen 2x2 port, offers 20Gbps transmission speed, 4X faster than USB 3.2 Gen 1.

CONNECTIONS



1. USB 2.0 Port
2. DisplayPort 1.4
3. USB 3.2 Gen 2 10Gbps Type-A
4. 2.5G LAN Port
5. HD Audio Connectors
6. HDMI™ 2.1 Port
7. USB 3.2 Gen 2x2 20Gbps Type-C
8. 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.