



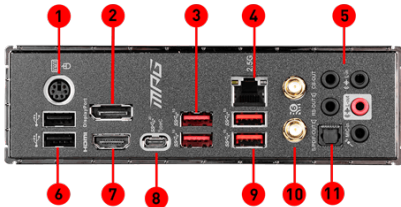
SPECIFICATIONS

Model Name	MPG Z490 CARBON EK X
CPU Support	Supports 10 th Gen Intel® Core™ and Pentium® Gold / Celeron® processors
CPU Socket	LGA 1200
Chipset	Intel® Z490 Chipset
Graphics Interface	3x PCI-E 3.0 x16 slots Support 2-Way NVIDIA® SLI™ / 3-Way AMD® CrossFire™ Technology
Display Interface	DisplayPort, HDMI™ - Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-4800(OC)
Expansion Slots	2x PCIe 3.0 x1 slots
Storage	2x M.2 slots, support Intel® Optane™ Technology 6x SATA 6Gb/s
USB ports	1 x USB 3.2 Gen 2x2 20Gbps (Type-C) + 5 x USB 3.2 Gen 2 10Gbps (1 Type-C + 4 Type-A) + 2 x USB 3.2 Gen 1 5Gbps (Type-A) + 6 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	ATX

FEATURES

- CPU + VRM Water Cooling**
 A custom-designed EK monoblock that offers pristine cooling for both the CPU and VRM power delivery section.
- WiFi 6**
 The latest wireless solution supports MU-MIMO and BSS color technology, delivering speeds up to 2400Mbps.
- Audio Boost 4**
 Isolated audio with a high quality audio processor for the most immersive gaming experience.
- Pre-installed I/O Shielding**
 Better EMI protection and more convenience for installation
- M.2 SHIELD FROZR**
 Onboard M.2 thermal solution to keep M.2 SSDs safe while preventing throttling, making them run cooler & faster.
- Mystic Light RGB LED**
 Personalize your PC with 16.8 million colors / 29 effects, controlled in one click!
- 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.
- DDR4 Boost**
 Advanced technology to deliver pure data signals for the best gaming performance and stability.

CONNECTIONS



1. PS/2 Combo Port
2. DisplayPort
3. USB 3.2 Gen 2 10Gbps (Type-A)
4. 2.5G LAN
5. HD Audio Connectors
6. USB 2.0
7. HDMI™
8. USB 3.2 Gen 2x2 20Gbps (Type-C)
9. USB 3.2 Gen 2 10Gbps (Type-A)
10. Wi-Fi 6
11. Optical S/PDIF OUT