MOTHERBOARDS

MAG Z390 TOMAHAWK

READY TO DOMINATE THE GAME

FEATURES

Pre-installed I/O Shielding

Better EMI protection and more convenience for installation

Dual LAN

Dual premium network solution for both Intranet and Internet, offering a smooth gaming experience for effective network connection

Intel® CNVi Ready

Supports Intel® CNVi Wi-Fi, IEEE 802.11 AC wave2.

Intel Turbo USB 3.1 Gen2

Powered by Intel, ensure an uninterrupted connection with more stability and fastest USB speeds.

Extended Heatsink Design

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

Core Boost

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

DDR4 Boost

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

MULTI-GPU

With Steel Armor PCI-E slot. Supports 2-Way AMD Crossfire™.

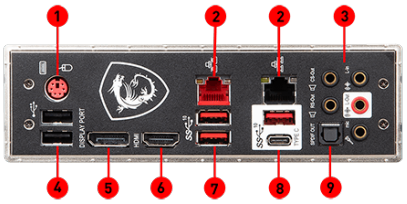
M.2 SHIELD FROZR

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

SPECIFICATIONS

Model Name	MAG Z390 TOMAHAWK
CPU Support	Supports 9th/ 8th Gen Intel® Core™ / Pentium® Gold / Celeron® processors
CPU Socket	LGA 1151
Chipset	Intel® Z390 Chipset
Graphics Interface	3 x PCI-E 3.0 x16 slots Supports 2-way AMD® CrossFire™ Technology
Display Interface	HDMI, DisplayPort – Requires Processor Graphics
Memory Support	4 DIMMs, Dual Channel DDR4-4400(OC)
Expansion Slots	2 x PCI-E 3.0 x1 slots, 1 x M.2 supports Intel® CNVi
Storage	2 x M.2 slots, support Intel® Optane™ Technology 6 x SATA 6Gb/s
USB Ports	4 x USB 3.1 (Gen2, A+C) + 4 x USB 3.1 (Gen1) + 6 x USB 2.0
LAN	Intel® I219-V Gigabit LAN + Intel® I211-AT LAN
Audio	8-Channel (7.1) HD Audio with Audio Boost

CONNECTIONS



1. PS/2 Combo Port
2. LAN Port
3. HD Audio Connectors
4. USB 2.0 Port
5. DisplayPort
6. HDMI Port
7. USB 3.1 Gen2 Type A
8. USB 3.1 Gen2 Type A+C
9. Optical S/PDIF OUT

Generated 2020-12-11, 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.

TRUE GAMING © 2020 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved.Intel, the Intel logo, the Intel Inside logo and Intel Core are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.