









## SPECIFICATIONS

<b>Model Name</b>	B450 TOMAHAWK
<b>CPU Support</b>	Supports AMD® Ryzen™ 1 <sup>st</sup> and 2 <sup>nd</sup> Generation/ Ryzen™ with Radeon™ Vega Graphics Processors for Socket AM4
<b>CPU Socket</b>	Socket AM4
<b>Chipset</b>	AMD® B450 Chipset
<b>Graphics Interface</b>	1 x PCI-E 3.0 x16 slot + 1 x PCI-E 2.0 x16 slot Supports 2-way CrossFire
<b>Display Interface</b>	HDMI™, DVI-D - Requires Processor Graphics
<b>Memory Support</b>	4 DIMMs, Dual Channel DDR4 up to 3466 MHz
<b>Expansion Slots</b>	3 x PCI-E x1 slots
<b>Storage</b>	1 x M.2 slot, 6 x SATA 6Gb/s
<b>USB ports</b>	2 x USB 3.1 (Gen2) + 4 x USB 3.1 (Gen1) + 6 x USB 2.0
<b>LAN</b>	Realtek® 8111H Gigabit LAN
<b>Audio</b>	8-Channel(7.1) HD Audio with Audio Boost

## FEATURES

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**Turbo M.2**  
 Delivering Speeds Up to 32Gb/s
- 
**MULTI-GPU**  
 Supports 2-way AMD CrossFire™ with optimal slot placement for the best airflow.
- 
**Flash BIOS Button**  
 Simply use a USB key to flash any BIOS within seconds, without installing a CPU, memory or graphics card.
- 
**AMD Turbo USB 3.1 Gen2**  
 Powered by AMD, ensure an uninterrupted connection with more stability and fastest USB speeds.
- 
**Core Boost**  
 With premium layout and fully digital power design to support more cores and provide better performance.
- 
**EZ Debug LED**  
 Easiest way to troubleshoot.
- 
**Extended Heatsink Design**  
 MSI extended PWM heatsink and enhanced circuit design ensures even high-end processors to run in full speed.
- 
**Audio Boost**  
 Reward your ears with studio grade sound quality for the most immersive audio experience.
- 
**DDR4 Boost**  
 Advanced technology to deliver pure data signals for the best gaming performance and stability.

## CONNECTIONS



1. Flash BIOS Button
2. PS/2 Combo Port
3. USB 3.1 Gen1
4. LAN Port
5. HD Audio Connectors
6. USB 2.0 Port
7. DVI-D Port
8. HDMI™ Port
9. USB 3.1 Gen2 Type A+C