



## MSI MAG B650 Tomahawk WIFI AMD B650 Socket AM5 ATX

**Brand :** MSI

**Product code:** MAG B650 TOMAHAWK WIFI

**Product name :** MAG B650 Tomahawk WIFI

ATX, AMD B650 chipset, Socket AM5, 4xDDR5, 7.1ch audio, 2.5-Gigabit LAN, Wi-Fi, Bluetooth 5.2

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### unite as one

The MAG series fights alongside gamers in pursuit of honor.

With added military-inspired elements in these gaming products, they were reborn as the symbol of sturdiness and durability.

### LIGHTNING GEN 4 PCI-E

MSI lightning Gen 4 PCI-E represents the bandwidth of a x16 interface to 64GB/s that has doubled compared to its previous generation.

### REINFORCED, HEAVY SOLDERED CONNECTIONS

MSI PCI Express Steel Armor slots are secured to the motherboard with extra solder points and support the weight of heavy graphics cards. When every advantage in games counts, Steel Armor shields the point of contact from electromagnetic interference.



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor socket *	Socket AM5	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	AMD Ryzen 7000 Series	HDMI ports quantity *	1
Supported processor sockets	Socket AM5	HDMI version	2.1
Memory		Headphone outputs	1
Supported memory types *	DDR5-SDRAM	Microphone in	✓
Number of memory slots *	4	S/PDIF out port	✓
ECC compatibility	Non-ECC	Network	
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600 MHz	Ethernet LAN	✓
Maximum internal memory *	128 GB	Ethernet interface type	2.5 Gigabit Ethernet
Storage controllers		LAN controller	Realtek RTL8125B
Supported storage drive interfaces *	M.2, SATA	Wi-Fi *	✓
RAID support	✓	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
RAID levels	0, 1, 10	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Internal I/O		Bluetooth	✓
USB 2.0 connectors *	4	Bluetooth version	5.2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Features	
Number of SATA III connectors *	6	Motherboard chipset *	AMD B650
Front panel audio connector	✓	Audio chip	Realtek ALC4080
Front panel connector	✓	Audio output channels *	7.1 channels
ATX Power connector (24-pin)	✓	Product colour	Black
CPU fan connector	✓	PC health monitoring	Fan
Chassis intrusion connector	✓	Component for *	PC
Rear panel I/O ports		Motherboard form factor *	ATX
USB 2.0 ports quantity *	2	Motherboard chipset family *	AMD
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Windows operating systems supported	Windows 11 x64
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	3	Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	PCI Express x16 (Gen 3.x) slots	1

Expansion slots	
Number of M.2 (M) slots	3
Weight & dimensions	
Width	304.8 mm
Depth	243.8 mm



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