

MSI MAG X670E TOMAHAWK WIFI/AM5/ATX

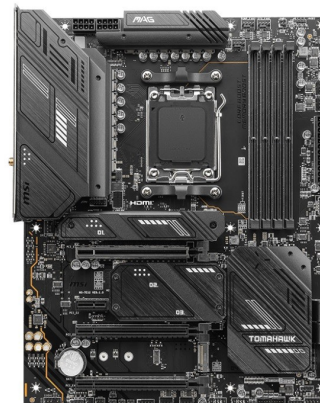
cena vč DPH: **8107 Kč**

cena bez DPH: 6700 Kč

Kód zboží (ID): 5627333

PN: MAG-X670E-TOMAHAWK-WIFI

Záruka: 36 měsíců



CHIPSET AMD X670 CPU Supports AMD Ryzen™ 8000/ 7000 Series Desktop Processors Socket AM5 MEMORY 4x DDR5, Maximum Memory Capacity 192GB Memory Support DDR5 7800+(OC)/ 7600(OC)/ 7400(OC)/ 7200(OC)/ 7000(OC)/ 6800(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600(OC)/ 5400(OC)/ 5200(OC)/ 5000(OC)/ 4800(JEDEC) MHz Max. overclocking frequency: • 1DPC 1R Max speed up to 7800+ MHz • 1DPC 2R Max speed up to 6400+ MHz • 2DPC 1R Max speed up to 6400+ MHz • 2DPC 2R Max speed up to 5400+ MHz Supports Dual-Channel mode Supports non-ECC, un-buffered memory Supports AMD EXPO™ ONBOARD GRAPHICS 1x HDMI™ Support HDMI™ 2.1 FRL, maximum resolution of 4K 120Hz* 1x DisplayPort Support DP 1.4, maximum resolution of 4K 60Hz* 1x Type-C DisplayPort Supports DisplayPort 1.4 with HBR3, maximum resolution of 4K 120Hz *Available only on processors featuring integrated graphics. Graphics specifications may vary depending on the CPU installed. SLOT 3x PCI-E x16 slot Supports x16/x4/x2 1x PCI-E x1 slot PCI_E1 Gen PCIe 5.0 supports up to x16 (From CPU) PCI_E2 Gen PCIe 3.0 supports up to x1 (From Chipset) PCI_E3 Gen PCIe 4.0 supports up to x4 (From CPU) PCI_E4 Gen PCIe 4.0 supports up to x2 (From Chipset) *PCI_E4 & M2_4 share the bandwidth. M2_4 will run at x2 speed when installing device in the PCI_E4 slot. STORAGE 4x M.2 M.2_1 Source (From CPU) supports up to PCIe 5.0 x4 , supports 22110/2280 devices M.2_2 Source (From Chipset) supports up to PCIe 4.0 x4 , supports 2280/2260 devices M.2_3 Source (From Chipset) supports up to PCIe 4.0 x4 , supports 2280/2260 devices M.2_4 Source (From Chipset) supports up to PCIe 4.0 x4 , supports 2280/2260 devices 4x SATA 6G *PCI_E4 & M2_4 share the bandwidth. M2_4 will run at x2 speed when installing device in the PCI_E4 slot. RAID Supports RAID 0, RAID 1, and RAID 10 for SATA storage devices Supports RAID 0, RAID 1, and RAID 10 for M.2 NVMe storage devices USB 4x USB 2.0 (Front) 4x USB 3.2 Gen1 Type A (Rear) 4x USB 3.2 Gen1 Type A (Front) 2x USB 3.2 Gen2 Type A (Rear) 1x USB 3.2 Gen2 Type C (Rear) 1x USB 3.2 Gen2 Type C (Front) 1x USB 3.2 Gen2x2 Type C (Rear) LAN Realtek®

RTL8125BG 2.5Gbps LAN WIRELESS LAN & BLUETOOTH AMD Wi-Fi 6E The Wireless module is pre-installed in the M.2 (Key-E) slot Supports MU-MIMO TX/RX Supports 20MHz, 40MHz, 80MHz,160MHz bandwidth in 2.4GHz/ 5GHz or 6GHz* bands Supports 802.11 a/ b/ g/ n/ ac/ ax Supports Bluetooth® 5.3** * Wi-Fi 6E 6GHz may depend on every country's regulations and will be ready in Windows 11. ** Bluetooth 5.3 will be ready in Windows 10 build 21H1 and Windows 11. AUDIO Realtek® ALC1200 Codec 7.1-Channel High Definition Audio Supports S/PDIF output INTERNAL IO 1x Power Connector(ATX_PWR) 2x Power Connector(CPU_PWR) 1x CPU Fan 1x Pump Fan 6x System Fan 2x Front Panel (JFP) 1x Chassis Intrusion (JCI) 1x Front Audio (JAUD) 1x Tuning Controller connector(JDASH) 2x Addressable V2 RGB LED connector (JARGB_V2) 2x RGB LED connector(JRGB) 1x TPM pin header(Support TPM 2.0) 4x USB 2.0 ports 4x USB 3.2 Gen1 Type A ports 1x USB 3.2 Gen2 Type C ports LED FEATURE 4x EZ Debug LED BACK PANEL PORTS DisplayPort USB 3.2 Gen 2 10Gbps (Type-A) USB 3.2 Gen 2 5Gbps (Type-A) 2.5G LAN Wi-Fi / Bluetooth Audio Connectors Flash BIOS Button HDMI™ USB 3.2 Gen 2 10Gbps (Type-C Display port) USB 3.2 Gen 2x2 20Gbps (Type-C) S/PDIF-Out OPERATING SYSTEM Support for Windows® 11 64-bit, Windows® 10 64-bit PCB INFO ATX 243.84mmx304.8mm

CHIPSET AMD X670 CPU Supports AMD Ryzen™ 8000/ 7000 Series Desktop Processors Socket AM5 MEMORY 4x DDR5, Maximum Memory Capacity 192GB Memory Support DDR5 7800+(OC)/ 7600(OC)/ 7400(OC)/ 7200(OC)/ 7000(OC)/ 6800(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600(OC)/ 5400(OC)/ 5200(OC)/ 5000(OC)/ 4800(JEDEC) MHz Max. overclocking frequency: • 1DPC 1R Max speed up to 7800+ MHz • 1DPC 2R Max speed up to 6400+ MHz • 2DPC 1R Max speed up to 6400+ MHz • 2DPC 2R Max speed up to 5400+ MHz Supports Dual-Channel mode Supports non-ECC, un-buffered memory Supports AMD EXPO™ ONBOARD GRAPHICS 1x HDMI™ Support HDMI™ 2.1 FRL, maximum resolution of 4K 120Hz* 1x DisplayPort Support DP 1.4, maximum resolution of 4K 60Hz* 1x Type-C DisplayPort Supports DisplayPort 1.4 with HBR3, maximum resolution of 4K 120Hz *Available only on processors featuring integrated graphics. Graphics specifications may vary depending on the CPU installed. SLOT 3x PCI-E x16 slot Supports x16/x4/x2 1x PCI-E x1 slot PCI_E1 Gen PCIe 5.0 supports up to x16 (From CPU) PCI_E2 Gen PCIe 3.0 supports up to x1 (From Chipset) PCI_E3 Gen PCIe 4.0 supports up to x4 (From CPU) PCI_E4 Gen PCIe 4.0 supports up to x2 (From Chipset) *PCI_E4 & M2_4 share the bandwidth. M2_4 will run at x2 speed when installing device in the PCI_E4 slot. STORAGE 4x M.2 M.2_1 Source (From CPU) supports up to PCIe 5.0 x4 , supports 22110/2280 devices M.2_2 Source (From Chipset) supports up to PCIe 4.0 x4 , supports 2280/2260 devices M.2_3 Source (From Chipset) supports up to PCIe 4.0 x4 , supports 2280/2260 devices M.2_4 Source (From Chipset) supports up to PCIe 4.0 x4 , supports 2280/2260 devices 4x SATA 6G *PCI_E4 & M2_4 share the bandwidth. M2_4 will run at x2 speed when installing device in the PCI_E4 slot. RAID Supports RAID 0, RAID 1, and RAID 10 for SATA storage devices Supports RAID 0, RAID 1, and RAID 10 for M.2 NVMe storage devices USB 4x USB 2.0 (Front) 4x USB 3.2 Gen1 Type A (Rear) 4x USB 3.2 Gen1 Type A (Front) 2x USB 3.2 Gen2 Type A (Rear) 1x

USB 3.2 Gen2 Type C (Rear) 1x USB 3.2 Gen2 Type C (Front) 1x USB 3.2 Gen2x2 Type C (Rear) LAN Realtek® RTL8125BG 2.5Gbps LAN WIRELESS LAN & BLUETOOTH AMD Wi-Fi 6E The Wireless module is pre-installed in the M.2 (Key-E) slot Supports MU-MIMO TX/RX Supports 20MHz, 40MHz, 80MHz,160MHz bandwidth in 2.4GHz/ 5GHz or 6GHz* bands Supports 802.11 a/ b/ g/ n/ ac/ ax Supports Bluetooth® 5.3** * Wi-Fi 6E 6GHz may depend on every country's regulations and will be ready in Windows 11. ** Bluetooth 5.3 will be ready in Windows 10 build 21H1 and Windows 11. AUDIO Realtek® ALC1200 Codec 7.1-Channel High Definition Audio Supports S/PDIF output INTERNAL IO 1x Power Connector(ATX_PWR) 2x Power Connector(CPU_PWR) 1x CPU Fan 1x Pump Fan 6x System Fan 2x Front Panel (JFP) 1x Chassis Intrusion (JCI) 1x Front Audio (JAUD) 1x Tuning Controller connector(JDASH) 2x Addressable V2 RGB LED connector (JARGB_V2) 2x RGB LED connector(JRGB) 1x TPM pin header(Support TPM 2.0) 4x USB 2.0 ports 4x USB 3.2 Gen1 Type A ports 1x USB 3.2 Gen2 Type C ports LED FEATURE 4x EZ Debug LED BACK PANEL PORTS DisplayPort USB 3.2 Gen 2 10Gbps (Type-A) USB 3.2 Gen 2 5Gbps (Type-A) 2.5G LAN Wi-Fi / Bluetooth Audio Connectors Flash BIOS Button HDMI™ USB 3.2 Gen 2 10Gbps (Type-C Display port) USB 3.2 Gen 2x2 20Gbps (Type-C) S/PDIF-Out OPERATING SYSTEM Support for Windows® 11 64-bit, Windows® 10 64-bit PCB INFO ATX 243.84mmx304.8mm