

Link do produktu: <https://vipelektrogadzet.pl/plyta-msi-mag-x870e-tomahawk-max-wifi-amd-x870ddr5sata3m2usb4wifibtpcie50am5atx-p-289923.html>

BRAK
ZDJĘCIA

Płyta MSI MAG X870E TOMAHAWK MAX WIFI /AMD X870/DDR5/SATA3/M.2/USB 4/WiFi/BT/PCIe5.0/AM5/ATX

Cena	1 330,10 zł
Numer katalogowy	INC-PGMIA5M500E0
Kod producenta	MAG X870E TOMAHAWK MAX WIFI
Kod EAN	4711377409063

Opis produktu

Parametry

- **Gniazdo procesora:** Socket AM5
- **Obsługiwane typy procesorów:** AMD Ryzen™ (AM5)
- **Uwagi do procesora:** Supports AMD Ryzen 9000/ 8000/ 7000 Series Desktop Processors
- **Format płyty:** ATX
- **BIOS:**
- **Chipset płyty głównej:** AMD X870
- **Ilość złącz pamięci DDR5:** 4
- **Maksymalna wielkość pamięci:** 256 GB
- **Tryb pracy pamięci RAM:** Dual Channel
- **Standard pamięci:** DDR5-4800, DDR5-5000, DDR5-5200, DDR5-5400, DDR5-5600 (OC), DDR5-5800 (OC), DDR5-6000 (OC), DDR5-6200 (OC), DDR5-6400 (OC), DDR5-6600 (OC), DDR5-6800 (OC), DDR5-7000 (OC), DDR5-7200 (OC), DDR5-7400 (OC), DDR5-7600 (OC), DDR5-7800 (OC), DDR5-8000 (OC), DDR5-8200 (OC), DDR5-8400 (OC)
- **Uwagi do pamięci RAM:** Memory Support DDR5 8400 - 5600 (OC) MT/s / 5600 - 4800 (JEDEC) MT/s, Ryzen™ 9000 Series Processors max. overclocking frequency:, - 1DPC 1R Max speed up to 8400+ MT/s, - 1DPC 2R Max speed up to 6400+ MT/s, - 2DPC 1R Max speed up to 6400+ MT/s, - 2DPC 2R Max speed up to 6400+ MT/s, Supports AMD POR Speed and JEDEC Speed, Supports Memory Overclocking and AMD EXPO, Supports Dual-Channel mode, Supports Non-ECC, Un-buffered memory, Supports CUDIMM, Clock Driver bypass mode only
- **Zintegrowany kontroler SATA:** Chipset+CPU: 4x SATA III 6Gb/s - RAID 0,1,10 + 4x M.2 - RAID 0,1,5,10
- **Uwagi do kontrolera SATA:** - M.2_1 Source (From CPU) supports up to PCIe 5.0 x4,, supports 22110/2280 devices, - M.2_2 Source (From CPU) supports up to PCIe 5.0 x4,, supports 2280/2260 devices, - M.2_3 Source (From Chipset) supports up to PCIe 4.0 x4,, - M.2_4 Source (From Chipset) supports up to PCIe 4.0 x4,, M.2_1 slot (From CPU);, - Supports up to PCIe 5.0 x4 (For Ryzen™ 9000/ 7000 Series processors), - Supports up to PCIe 4.0 x4 (For Ryzen™ 8000 Series processors), M.2_2 slot (From CPU);, - Supports up to PCIe 4.0 x4 (For Ryzen™ 8700/8600/8400 Series processors), The M2_2 slot will be unavailable when using Ryzen™ 8500/ 8300 Series, processors. USB 40Gbps Type-C ports on the back panel and M2_2 slot share, PCIe 5.0 x4 bandwidth. Both run at PCIe 5.0 x2 when a device is installed, in the M2_2 slot. You can switch M2_2 to PCIe 5.0 x4 in the BIOS, but this, will disable the USB 40Gbps Type-C ports. The USB4 host controller support, up to PCIe 4.0 x4.
- **Wbudowana karta graficzna:** Brak lub AMD Radeon™ Graphics (zależy od procesora)
- **Gniazda karty graficznej:** 2x USB4 Type-C, HDMI
- **Uwagi do karty graficznej:** USB4® port, supporting DisplayPort 1.4 with HBR3 over USB Type-C, maximum, resolution of 4K@60Hz, Available only on processors featuring integrated graphics, Graphics specifications may vary depending on the CPU installed., Support HDMI™ FRL 2.1, maximum resolution of 8K 60Hz
- **Zintegrowana karta dźwiękowa:** Realtek® ALC4080 7.1-Channel USB High Performance Audio CODEC
- **Gniazda karty dźwiękowej:** Wewnętrzne gniazdo audio przedniego panelu, 2x Audio Jack, Wyjście optyczne S/PDIF
- **Uwagi do karty dźwiękowej:** Supports up to 32-bit/384kHz playback on front panel
- **Złącza PCI Express x16:** 3
- **Uwagi do złącz PCI:** - 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 Chipset), PCI_E1 slot;., - Supports PCIe 5.0 x16 (For Ryzen™ 9000/ 7000 Series processors), - Supports PCIe 4.0 x8 (For Ryzen™ 8700/ 8600/ 8400 Series processors), - Supports PCIe 4.0 x4 (For Ryzen™ 8500/ 8300 Series processor)
- **Port LAN:** 1x 5 Gigabit LAN Realtek® 8126

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- **Uwagi do karty sieciowej:**
 - **Maksymalna ilość portów USB 2.0:** 8
 - **Maksymalna ilość portów USB 3.x:** 11
 - **Maksymalna ilość portów USB 4.0:** 2
 - **Porty USB na panelu tylnym:** 4x USB 2.0 + 3x USB 3.0 + 2x USB 3.1 + 1x USB 3.1 Type-C + 2x USB4 Type-C
 - **Gniazda USB na płycie głównej:** 2x USB 2.0 (4 porty) + 2x USB 3.0 (4 porty) + 1x USB 3.2 Type-C (1 port)
 - **Port Wi-Fi:** IEEE 802.11a/b/g/n/ac/ax/be
 - **Port Bluetooth:** Bluetooth V5.4
 - **Uwagi do WiFi / BT:** Wi-Fi 7, The Wireless module is pre-installed in the M.2 (Key-E) slot, Supports MU-MIMO TX/RX, 2.4GHz/ 5GHz/ 6GHz (320MHz) up to 5.8Gbps, Supports Bluetooth 5.4, MLO, 4KQAM, 6GHz band support may depend on every country's regulations and Wi-Fi 7, will be ready in Windows 11 version 24H2, The Bluetooth version may be updated, please refer to the Wi-Fi chipset, vendor's website for details, Bluetooth 5.4 will be ready in Windows 11 version 24H2
 - **Port PS/2:** Brak
 - **Port szeregowy (COM):** Brak
 - **Port równoległy (LPT):** Brak
 - **Inne porty i gniazda:** CPU Fan, Combo Fan (Pump_Sys Fan), 6x System Fan, EZ Conn-header (JAF_1), 2x Front Panel, Chassis Intrusion (JCI), Front Audio, 3x Addressable V2 RGB LED connector, RGB LED connector, Gniazdo modułu TPM, 2x Direct OC Jumper (JBCLK), 4x EZ Debug LED, Clear CMOS button(s), Flash BIOS Button
 - **Gniazdo zasilania:** ATX (24-pin) + 2x ATX12V (8-pin) + PCIe (8-pin)
 - **Wymiary [S x W] (mm):** 304,8 x 243,84
 - **Opakowanie:** BOX
 - **Wyposażenie dodatkowe:** Quick Installation Guide, European Union Regulatory Notice, 2x SATA Cables, EZ M.2 Clip II Remover, M.2 Plate Screw, Cable Sticker, EZ Wi-Fi Antenna, 1 to 3 EZ Conn-Cable (V2), EZ Front Panel Cable
 - **Zawiera baterię / akumulator:** Tak
 - **Informacje dodatkowe:** Support for Windows 11 64-bit
 - **Gwarancja producenta [mies.]:** 36