

Link do produktu: <https://vipelektrogadzet.pl/plyta-msi-pro-x870e-p-wifi-amd-x870ddr5sata3m2usb4wifibtpcie50am5atx-p-247582.html>



## Płyta MSI PRO X870E-P WIFI /AMD X870 /DDR5/SATA3/M.2/USB4/WiFi/BT/PCIe5.0/AM5/ATX

Cena	<b>951,43 zł</b>
Numer katalogowy	<b>INC-PGMIA5M50090</b>
Kod producenta	<b>PRO X870E-P WIFI</b>
Kod EAN	<b>4711377347600</b>

### 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, 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)
- **Uwagi do pamięci RAM:** Memory Support DDR5 8200 - 5600 (OC) MT/s / 5600 - 4800 (JEDEC) MT/s, Ryzen™ 9000 Series Processors max. overclocking frequency:, - 1DPC 1R Max speed up to 8200+ 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 4800+ MT/s, Supports AMD POR Speed and JEDEC Speed, Supports Memory Overclocking and AMD EXPO, 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 + 3x M.2 - RAID 0, 1, 5
- **Uwagi do kontrolera SATA:** - M.2\_1 Source (From CPU) supports up to PCIe 5.0 x4 ,, supports 2280/2260 devices, - M.2\_2 Source (From Chipset) supports up to PCIe 4.0 x4 ,, - M.2\_3 Source (From Chipset) supports up to PCIe 4.0 x4 ,, supports 22110/2280 devices, Supports RAID 0 , RAID 1 and RAID 10 for SATA storage devices, Supports RAID 0, RAID 1 and RAID 5 for M.2 NVMe storage devices
- **Wbudowana karta graficzna:** Brak lub AMD Radeon™ Graphics (zależy od procesora)
- **Gniazda karty graficznej:** HDMI, USB Type-C
- **Uwagi do karty graficznej:** Support HDMI 2.1, maximum resolution of 4K 60Hz, USB4 port, supporting DisplayPort 1.4 with HBR3 over USB Type-C, Available only on processors featuring integrated graphics, Graphics specifications may vary depending on the CPU installed.
- **Zintegrowana karta dźwiękowa:** Realtek® ALC897 7.1-Channel High Definition Audio
- **Gniazda karty dźwiękowej:** 3x Audio Jack
- **Uwagi do karty dźwiękowej:**
- **Złącza PCI Express x16:** 3
- **Złącza PCI Express x1:** 1
- **Uwagi do złącz PCI:** 3x PCI-E x16 slot (Qty), 1x PCI-E x1 slot (Qty):, - 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\_E4 Gen PCIe 3.0 supports up to x1 (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® 8126VB
- **Uwagi do karty sieciowej:**
- **Maksymalna ilość portów USB 2.0:** 10
- **Maksymalna ilość portów USB 3.x:** 10

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- **Maksymalna ilość portów USB 4.0:** 1
  - **Porty USB na panelu tylnym:** 4x USB 2.0 + 2x USB 3.0 + 2x USB 3.1 + 1x USB 3.2 Type-C + 1x USB4 Type-C
  - **Gniazda USB na płycie głównej:** 3x USB 2.0 (6 portów) + 2x USB 3.0 (4 porty) + 1x USB 3.1 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, ARGB+FAN Header, 2x Front Panel, Chassis Intrusion (JCI), Tuning Controller Connector, 3x Addressable V2 RGB LED connector, RGB LED connector, Gniazdo modułu TPM, Flash BIOS Button, Clear CMOS button(s), 2x Antenna Ports
  - **Gniazdo zasilania:** ATX (24-pin) + 2x ATX12V (8-pin) + PCIe (8-pin)
  - **Wymiary [S x W] (mm):** 243,84 x 304,8
  - **Opakowanie:** BOX
  - **Wyposażenie dodatkowe:** 2x SATA Cables, EZ Wi-Fi antenna, EZ M.2 Clip II Removal, 3x EZ M.2 Clip II, 1x to 2 EZ Conn-Cable (V1)
  - **Zawiera baterię / akumulator:** Tak
  - **Informacje dodatkowe:** Support for Windows 11 64-bit