

Link do produktu: <https://vipelektrogadzet.pl/plyta-asus-rog-crosshair-x870e-extreme-amd-x870ddr5sata3m2usb4wifibtpcie50am5e-atx-p-243780.html>



## Płyta Asus ROG CROSSHAIR X870E EXTREME /AMD X870/DDR5/SATA3/M.2/USB4/WiFi/BT/PCIE5.0/AM5/E-ATX

Cena	<b>4 755,62 zł</b>
Numer katalogowy	<b>INC-PGASA5M500A0</b>
Kod producenta	<b>ROG CROSSHAIR X870E EXTREME</b>
Kod EAN	<b>4711387984963</b>

### Opis produktu

#### Parametry

- **Gniazdo procesora:** Socket AM5
- **Obsługiwane typy procesorów:** AMD Ryzen™ (AM5)
- **Uwagi do procesora:** AMD Socket AM5 for AMD Ryzen 9000 & 8000 & 7000 Series Desktop Processors
- **Format płyty:** Extended-ATX
- **BIOS:** 2 x 256 Mb Flash ROM, UEFI AMI BIOS
- **Chipset płyty głównej:** AMD X870
- **Ilość złącz pamięci DDR5:** 4
- **Maksymalna wielkość pamięci:** 256 GB
- **Tryb pracy pamięci RAM:** Dual Channel
- **Standard pamięci:** DDR5-9000+ (OC), DDR5-8200+ (OC), DDR5-8000+ (OC)
- **Uwagi do pamięci RAM:** Supports up to:, - 8200+MT/s(OC) with Ryzen™ 9000 Series Processors,, - 9000+MT/s(OC) with Ryzen™ 8000 Series Processors,, - 8000+MT/s(OC) with Ryzen™ 7000 Series Processors,, ECC and Non-ECC, Un-buffered Memory, Supports AMD Extended Profiles for Overclocking (EXPO), NitroPath DRAM Technology, ASUS Enhanced Memory Profile (AEMP), Supported memory types, data rate (speed), and number of DRAM modules vary, depending on the CPU and memory configuration, for more information please, refer to CPU/Memory Support list under the Support tab of product, Non-ECC, un-buffered DDR5 memory supports On-Die ECC function
- **Zintegrowany kontroler SATA:** Chipset+CPU: 4x SATA III 6Gb/s - RAID 0,1,5,10 + 5x M.2 + RAID 0,1,5,10 + 1x SlimSAS
- **Uwagi do kontrolera SATA:** AMD Ryzen 9000 & 7000 Series Desktop Processors:, - M.2\_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 5.0 x4 mode), - M.2\_2 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode), - M.2\_3 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 5.0 x4 mode), AMD Ryzen 8000 Series Desktop Processors:, - M.2\_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode), - M.2\_2 slot (Key M), type 2242/2260/2280 (Not supports), - M.2\_3 slot (Key M), type 2242/2260/2280/22110 (Not supports), AMD X870E Chipset:, - DIMM.2\_1 slot (Key M) via ROG Q-DIMM.2, type 2230/2242/2260/2280/22110, (supports PCIe 4.0 x4 mode), - DIMM.2\_2 slot (Key M) via ROG Q-DIMM.2, type 2230/2242/2260/2280/22110, - SlimSAS connector supports PCIe 4.0 x4 mode via an SFF-8654 adapter cable, is purchased separately., - 4 x SATA 6Gb/s ports, When M.2\_2 and M.2\_3 are enabled simultaneously, PCIe16(G5)\_2 will be, disabled, When M.2\_3 is enabled, PCIe16(G5)\_1 will run x8, and PCIe16(G5)\_2 will, run x4, M.2\_2 will be disabled.
- **Wbudowana karta graficzna:** Brak lub AMD Radeon™ Graphics (zależy od procesora)
- **Gniazda karty graficznej:** HDMI, 2x USB4 Type-C
- **Uwagi do karty graficznej:** Graphics specifications may vary between CPU types. Please refer to, AMD CPU specifications, Supports max. 4K@60Hz as specified in DisplayPort 1.4a, Supports 4K@60Hz as specified in HDMI 2.1, VGA resolution support depends on processors' or graphic cards' resolution.
- **Zintegrowana karta dźwiękowa:** ROG SupremeFX 7.1 Surround Sound High Definition Audio CODEC ALC4082
- **Gniazda karty dźwiękowej:** 2x Audio Jack, Wyjście optyczne S/PDIF, Wewnętrzne gniazdo audio przedniego panelu
- **Uwagi do karty dźwiękowej:** Impedance sense for front and rear headphone outputs, Supports: Jack-detection, Multi-streaming, Front Panel MIC Jack-retasking, High quality 120 dB SNR stereo playback output and 110 dB SNR recording, Supports up to 32-Bit/384 kHz playback on front panel, SupremeFX Shielding Technology, ESS® ES9219 QUAD DAC, LED-illuminated audio jacks, Premium audio capacitors, A chassis with an HD audio module in the front panel is required to, support 7.1 Surround Sound audio output, The LINE OUT port on the rear panel does not support spatial audio, If you wish to use spatial audio, make sure to connect your audio output, device to the audio jack on the front

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panel of your chassis or use a USB, interface audio device.

- **Złącza PCI Express x16:** 2
- **Uwagi do złącz PCI:** AMD Ryzen 9000 & 7000 Series Desktop Processors:, - 2 x PCIe 5.0 x16 slots with Q-Release Slim (supports x16 or x8/x8 or x8, x8/x4/x4 modes), - When you use both PCIe16(G5)\_1 and PCIe16(G5)\_2, PCIe16(G5)\_1 and, PCIe16(G5)\_2 will run x8., - When M.2\_3 is enabled, PCIe16(G5)\_1 will run x8, and PCIe16(G5)\_2, will run x4., - When M.2\_2 and M.2\_3 are enabled simultaneously, PCIe16(G5)\_2 will be, disabled, AMD Ryzen™ 8700 & 8600 & 8400 Series Desktop Processors:, - 2 x PCIe 4.0 x16 slots with Q-Release Slim (only supports PCIe16(G5)\_1 &, total bandwidth for x8, PCIe16(G5)\_2 will be disabled), AMD Ryzen™ 8500 & 8300 Series Desktop Processors:, total bandwidth for x4, PCIe16(G5)\_2 will be disabled), Please check the PCIe bifurcation table on the support site, To ensure compatibility of the device installed, please refer to
- **Port LAN:** 1x 5 Gigabit LAN Realtek®, 1x 10 Gigabit LAN Marvell® AQtion
- **Uwagi do karty sieciowej:** ASUS LANGuard
- **Maksymalna ilość portów USB 2.0:** 4
- **Maksymalna ilość portów USB 3.x:** 16
- **Maksymalna ilość portów USB 4.0:** 2
- **Porty USB na panelu tylnym:** 8x USB 3.1 + 2x 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 3.1 Type-C (1 port)+ 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:** 2x2 Wi-Fi 7 (802.11be), Supports 2.4/5/6GHz frequency band, Supports Wi-Fi 7 320MHz bandwidth, up to 6.5Gbps transfer rate, Wi-Fi features may vary depending on the operating system, For Windows 11, Wi-Fi 7 will require 24H2 or later version for full, functions, Windows 11 21H2/22H2/23H2 only support Wi-Fi 6E, For Windows 10, please note that no driver is available, refer to the Wi-Fi, chipset vendor's website for details, Wi-Fi 6GHz frequency band and bandwidth regulatory may vary, between countries, The Bluetooth version may vary, please refer to the Wi-Fi module, manufacturer's website for the latest specifications
- **Port PS/2:** Brak
- **Port szeregowy (COM):** Brak
- **Port równoległy (LPT):** Brak
- **Inne porty i gniazda:** 4-pin CPU Fan header, 4-pin CPU OPT Fan header, 2x 4-pin Chassis Fan headers, 2x 4-pin Radiator Fan headers, 2x W\_PUMP+ headers, 6-pin ARGB Gen 2 header to support 2x ARGB Gen 2 headers, 2x Addressable Gen 2 header, Alteration PCIe mode switch, BIOS Switch button, FlexKey button, LN2 Mode jumper, 12x punkt pomiaru Probelt, ReTry button, 2x RSVD switches, RSVD header, Safe Boot button, Slow Mode switch, Start button, 10-1 pin System Panel header, Thermal Sensor header, Pause switch
- **Gniazdo zasilania:** ATX (24-pin) + 2x ATX12V (8-pin) + PCIe (8-pin)
- **Wymiary [S x W] (mm):** 305 x 277
- **Wyposażenie dodatkowe:** 1 x 1-to-3 ARGB splitter cable, 1 x 1-to-2 ARGB splitter cable, 2 x 1-to-4 fan splitter cable, 2 x ROG weave SATA 6G cable packages, 1 x 3-in-1 Thermistor cables pack, 1 x ROG DIMM.2 with heatsink, 1 x M.2 pad package for ROG Q-DIMM.2, 2 x Thermal pad for ROG Q-DIMM.2, 2 x Thermal pad for M.2 22110, 1 x DDR5 Fan holder, 1 x ROG Fan Kit, 1 x ASUS WiFi Q-Antenna, 1 x Q-connector, 1 x ROG logo plate sticker, 1 x ROG screwdriver, 1 x ROG stickers, 1 x ROG VIP card, 1 x M.2 Q-Slide package, 5 x M.2 backplate rubber packages, 1 x ROG Bottle Opener, 1 x USB drive with utilities and drivers, 1 x Quick start guide
- **Zawiera baterię / akumulator:** Tak
- **Informacje dodatkowe:** Operating System: Windows 11