Link do produktu: https://vipelektrogadzet.pl/plyta-gigabyte-x870e-aorus-master-amd-x870ddr5sata3m2usb4pcie50wifibtam5atx-p-243809.html

Płyta Gigabyte X870E AORUS MASTER /AMD X870/DDR5/SATA3/M.2/USB4/PCIe5.0/WiFi/BT/AM5/ATX

Cena	**1 903,34 zł**
Numer katalogowy	**INC-PGGBA5M500B0**
Kod producenta	**X870E AORUS MASTER**
Kod EAN	**4719331864354**

Opis produktu

Parametry

- **Gniazdo procesora**: Socket AM5
- **Obsługiwane typy procesorów**: AMD Ryzen™
- **Uwagi do procesora**: Support for: AMD Ryzen™ 7000 / Ryzen™ 8000 / Ryzen™ 9000 Series Processors
- **Format płyty**: ATX
- **BIOS**: 256 Mbit flash AMI UEFI; PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
- **Chipset płyty głównej**: AMD X870
- **Ilość złącz pamięci DDR5**: 4
- **Maksymalna wielkość pamięci**: 256 GB
- **Tryb pracy pamięci RAM**: Dual Channel
- **Standard pamięci**: DDR5-8600 (OC), DDR5-8400 (OC), DDR5-8200 (OC), DDR5-8000 (OC), DDR5-7800 (OC), DDR5-7600 (OC), DDR5-7200 (OC), DDR5-7000 (OC), DDR5-6800 (OC), DDR5-6666 (OC), DDR5-6600 (OC), DDR5-6400, DDR5-6200, DDR5-6000, DDR5-5600, DDR5-5200, DDR5-4800, DDR5-4400
- **Uwagi do pamięci RAM**: Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules, Support for AMD EXtended Profiles for Overclocking (AMD EXPO) and, Extreme Memory Profile (XMP) memory modules
- **Zintegrowany kontroler SATA**: Chipset+CPU: 4x SATA III 6Gb/s + 4x M.2
- **Uwagi do kontrolera SATA**: 1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3,, M key, type 25110/22110/2580/2280 SSDs:, - AMD Ryzen 9000/7000 Series Processors support PCIe 5.0 x4/x2 SSDs, - AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x4/x2 SSDs, - AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4/x2 SSDs, 2 x M.2 connectors (M2B_CPU, M2C_CPU), integrated in the CPU,, supporting Socket 3, M key, type 22110/2280 SSDs:, The M2B_CPU and M2C_CPU connectors will become unavailable when using the, AMD Ryzen 8000 Series-Phoenix 1/Phoenix 2 Processors, 1 x M.2 connector (M2D_SB), integrated in the Chipset, supporting Socket 3,, M key, type 22110/2280 PCIe 4.0 x4/x2 SSDs, 4 x SATA 6Gb/s connectors, RAID 0, RAID 1, RAID 5, and RAID 10 support for NVMe SSD storage devices, RAID 5 is only available on AMD Ryzen 9000 Series Processors, RAID 0, RAID 1, and RAID 10 support for SATA storage devices
- **Wbudowana karta graficzna**: Brak lub AMD Radeon™ Graphics (zależy od procesora)
- **Gniazda karty graficznej**: 2x USB4 Type-C, 2x HDMI
- **Uwagi do karty graficznej**: Integrated Graphics Processor with AMD Radeon Graphics support+ASMedia, USB4 Controller:, - 2 x USB4 USB Type-C ports, supporting USB4 and DisplayPort video, outputs and a maximum resolution of 3840x2160@240 Hz, Support for DisplayPort 1.4 version and HDR, Integrated Graphics Processor with AMD Radeon Graphics support:, - 1x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz, Support for HDMI 2.1 version, HDCP 2.3, and HDR, Support native HDMI 2.1 TMDS compatible ports, - 1 x Front HDMI port, supporting a maximum resolution of 1920x1080@30 Hz, Support for HDMI 1.4, Graphics specifications may vary depending on CPU support
- **Zintegrowana karta dźwiękowa**: Realtek ALC1220 7.1 Surround Sound High Definition Audio CODEC
- **Gniazda karty dźwiękowej**: 2x Audio Jack, Wyjście optyczne S/PDIF
- **Uwagi do karty dźwiękowej**: You can change the functionality of an audio jack using the audio software, To configure 7.1-channel audio, access the audio software for audio setting
- **Złącza PCI Express x16**: 3
- **Uwagi do złącz PCI**: 1x PCI Express x16 slot (PCIEX16), integrated in the CPU:, - AMD Ryzen™ 9000/7000 Series Processors support PCIe 5.0 x16 mode, - The PCIEX16 slot can only support a graphics card or an NVMe SSD., - If only one graphics card is to be installed, be sure to install it in, the PCIEX16 slot, - The PCIEX16 slot shares bandwidth with

the M2B_CPU and M2C_CPU connector, - The PCIEX16 slot operates at up to x8 mode when a device is installed in, the M2B_CPU or M2C_CPU connector, - AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x8 mode, - AMD Ryzen™ 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4 mode, Chipset:, - 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x4 (PCIEX4_1, - 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x4 (PCIEX4_2

- **Port LAN**: 1x 5 Gigabit LAN Realtek®
- **Uwagi do karty sieciowej**:
- **Maksymalna ilość portów USB 2.0**: 6
- **Maksymalna ilość portów USB 3.x**: 14
- **Maksymalna ilość portów USB 4.0**: 2
- **Porty USB na panelu tylnym**: 2x USB 2.0 + 4x USB 3.0 + 3x USB 3.1 + 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 V5.3
- **Uwagi do WiFi / BT**: Qualcomm Wi-Fi 7 QCNCM865, - 802.11a, b, g, n, ac, ax, be, supporting 2.4/5/6 GHz carrier frequency ba, - Support for 11be 320MHz wireless standard, Actual data rate may vary depending on environment and equipment, Wi-Fi 7 features require Windows 11 SV3 to function properly; no W10 suppor, Wi-Fi 7 channels on 6 GHz band availability depends on individual, country's regulations
- **Port PS/2**: Brak
- **Port szeregowy (COM)**: Brak
- **Port równoległy (LPT)**: Brak
- **Inne porty i gniazda**: CPU fan header, CPU fan/water cooling pump header, 4x system fan headers, 2x system fan/water cooling pump headers, 4x addressable RGB Gen2 LED strip headers, RGB LED strip header, Noise detection header, Gniazdo modułu TPM, 2x temperature sensor headers, 2x SMA antenna connectors (2T2R), Power-on button(s), Reset button, Reset jumper, Clear CMOS jumper, Q-Flash Plus button
- **Gniazdo zasilania**: ATX (24-pin) + 2x ATX12V (8-pin)
- **Wymiary [S x W] (mm)**: 305 x 244
- **Opakowanie**: BOX
- **Wyposażenie dodatkowe**:
- **Zawiera baterię / akumulator**: Tak
- **Informacje dodatkowe**: Bundled Software, - Norton® Internet Security (OEM version), - LAN bandwidth management software, System operacyjny: Support for Windows 11 64-bit, 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0, / GC-TPM2.0 SPI V2 module only