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Link do produktu: https://vipelektrogadzet.pl/plyta-gigabyte-x870-gaming-x-wifi7-amd-x870ddr5sata3m2usb4pcie50wifibtam5atx-p-243806.html

Płyta Gigabyte X870 GAMING X WIFI7 /AMD X870/DDR5/SATA3/M.2/USB4/PCIe5.0/WiFi/BT/AM5/ATX

Cena	**1 048,03 zł**
Numer katalogowy	**INC-PGGBA5M50050**
Kod producenta	**X870 GAMING X WIFI7**
Kod EAN	**4719331865368**

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**: DDR5-8000 (OC), DDR5-7800 (OC), DDR5-7600 (OC), DDR5-7200 (OC), DDR5-7000 (OC), DDR5-6800 (OC), DDR5-6666 (OC), DDR5-6600 (OC), DDR5-6400 (OC), DDR5-6200 (OC), DDR5-6000 (OC), DDR5-5600 (OC), 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 - RAID 0,1,10 + 3x M.2 - RAID 0,1,5,10
- **Uwagi do kontrolera SATA**: 1x 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, 1 x M.2 connector (M2C_SB), integrated in the Chipset, supporting Socket 3,, M key, type 25110/22110/2580/2280 PCIe 4.0 x2 SSDs, 1 x M.2 connector (M2B_SB), integrated in the Chipset, supporting Socket 3,, M key, type 25110/22110/2580/2280 PCIe 4.0 x4/x2 SSDs, The M2B_SB connector shares bandwidth with the M2C_SB connector. The M2C_SB, connector will become unavailable when an PCIe 4.0 x4 SSD is installed in, the M2B_SB connector, RAID 0, RAID 1, RAID 5, and RAID 10 support for NVMe SSD storage devices, RAID 0, RAID 1, and RAID 10 support for SATA storage devices, RAID 5 is only available on AMD Ryzen™ 9000 Series Processors
- **Wbudowana karta graficzna**: Brak lub AMD Radeon™ Graphics (zależy od procesora)
- **Gniazda karty graficznej**: 2x USB4 Type-C, 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:, - 1 x 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, Graphics specifications may vary depending on CPU support
- **Zintegrowana karta dźwiękowa**: Realtek® HD Audio CODEC
- **Gniazda karty dźwiękowej**: 3x Audio Jack, Wewnętrzne gniazdo audio przedniego panelu
- **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**: CPU:, - 1 x PCI Express x16 slot (PCIEX16), - AMD Ryzen™ 9000/7000 Series Processors support PCIe 5.0 x16 mode, - 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, 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, Chipset:, - 2 x PCI Express x16 slots, supporting PCIe 3.0 and running at x1, (PCIEX1_1/2)

- **Port LAN**: 1x 2,5 Gigabit LAN 100/1000/2500 Mb/s (Realtek®)
- **Uwagi do karty sieciowej**:
- **Maksymalna ilość portów USB 2.0**: 8
- **Maksymalna ilość portów USB 3.x**: 7
- **Maksymalna ilość portów USB 4.0**: 2
- **Porty USB na panelu tylnym**: 4x USB 2.0 + 3x USB 3.0 + 1x USB 3.1 + 2x USB4 Type-C
- **Gniazda USB na płycie głównej**: 2x USB 2.0 (4 porty) + 1x USB 3.0 (2 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**: 802.11a, b, g, n, ac, ax, be, supporting 2.4/5/6 GHz carrier frequency band, Support for 11be 160MHz wireless standard, Actual data rate may vary depending on environment and equipment, Wi-Fi 7 features require Windows 11 SV3 to function properly (There is no, support driver for Windows 10), Wi-Fi 7 channels on 6GHz band availability depends on individual country's, regulations, PCB rev. 1.0: MediaTek Wi-Fi 7 MT7925, PCB rev. 1.1: Realtek® Wi-Fi 7 RTL8922AE
- **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, 3x Addressable RGB Gen2 LED strip headers, RGB LED strip header, Gniazdo modułu TPM, Reset button, Reset jumper, Clear CMOS jumper, Power-on button(s), 2x SMA antenna connectors (2T2R), Przycisk Q-Flash Plus
- **Gniazdo zasilania**: ATX (24-pin) + ATX12V (8-pin) + ATX12V (4-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