Link do produktu: https://vipelektrogadzet.pl/plyta-msi-meg-x870e-godlike-amd-x870ddr5sata3m2usb4wifibtpcie50am5e-atx-p-243841.html

Płyta MSI MEG X870E GODLIKE /AMD X870/DDR5/SATA3/M.2/USB4/WiFi/BT/PCIe5.0/AM5/E-ATX

Cena	**4 839,20 zł**
Numer katalogowy	**INC-PGMIA5M50030**
Kod producenta	**MEG X870E GODLIKE**
Kod EAN	**4711377276221**

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**: Extended-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), DDR5-8266 (OC), DDR5-8333 (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 4800+ 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 + 7x M.2 - RAID 0, 1, 10
- **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 CPU) supports up to PCIe 5.0 x4,, - M.2_3 Source (From Chipset) supports up to PCIe 4.0 x4,, supports 22110/2280 devices, - M.2_4 Source (From Chipset) supports up to PCIe 4.0 x2,, - M.2_5 Source (From Chipset) supports up to PCIe 4.0 x4,, - M.2_1 Source (via M.2 XPANDER-Z SLIDER GEN5) supports up to PCIe 5.0 x4,, supports 2280 devices, - M.2_2 Source (via M.2 XPANDER-Z SLIDER GEN5) supports up to PCIe 5.0 x4,, M.2_1:, - 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:, - 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., M2_4:, PCI_E3 slot will run at x2 speed when installing device in the M2_4 slot., You can switch PCI_E3 slot to x4 in the BIOS, but this will disable the, M2_4 slot., Supports onboard 5x M.2 slots and additional 2x M.2 slots via M.2 card, Please refer to the manual for M.2 SSD heatsink restrictions
- **Wbudowana karta graficzna**: Brak lub AMD Radeon™ Graphics (zależy od procesora)
- **Gniazda karty graficznej**: 2x USB4 Type-C
- **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.
- **Zintegrowana karta dźwiękowa**: Realtek® ALC4082 Codec + ESS9219Q Combo DAC/HPA
- **Gniazda karty dźwiękowej**: Wewnętrzne gniazdo audio przedniego panelu, 2x Audio Jack, Wyjście optyczne S/PDIF
- **Uwagi do karty dźwiękowej**: Supports up to 32-Bit/384 kHz playback on front panel
- **Złącza PCI Express x16**: 2
- **Złącza PCI Express x4**: 1
- **Uwagi do złącz PCI**: - PCI_E1 Gen PCIe 5.0 supports up to x16 (From CPU), - PCI_E2 Gen PCIe 5.0 supports up to x8

(From CPU), - PCI_E3 Gen PCIe 4.0 supports up to x4 (From Chipset), PCI_E1 & PCI_E2 slots:, - Supports up to PCIe 5.0 x16/ x0 or x8/ x8, (For Ryzen™9000/ 7000 Series processors), - Supports up to PCIe 4.0 x8/ x0, (For Ryzen™ 8700/ 8600/ 8400 Series processors), - Supports up to PCIe 4.0 x4/ x0 (For Ryzen™ 8500/ 8300 Series processors), PCI_E3 slot:, - Supports up to PCIe 4.0 x4, PCI_E3 slot will run at x2 speed when installing device in the M2_4 slot., You can switch PCI_E3 slot to x4 in the BIOS, but this will disable the, M2_4 slot. Please refer to the PCIe configuration table in the manual for, more details.

- **Port LAN**: 1x 10 Gigabit LAN Marvell® AQC113CS, 1x 5 Gigabit LAN Realtek® 8126
- **Uwagi do karty sieciowej**:
- **Maksymalna ilość portów USB 2.0**: 4
- **Maksymalna ilość portów USB 3.x**: 19
- **Maksymalna ilość portów USB 4.0**: 2
- **Porty USB na panelu tylnym**: 8x USB 3.1 + 5x USB 3.1 Type-C + 2x USB4 Type-C
- **Gniazda USB na płycie głównej**: 4x USB 2.0 + 4x USB 3.0 + 1x USB 3.1 Type-C + 1 USB 3.2 Type-C
- **Port Wi-Fi**: IEEE 802.11a/b/g/n/ac/ax/be
- **Port Bluetooth**: Bluetooth V5.4
- **Uwagi do WiFi / BT**: Wi-Fi 7 Solution, 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, 2x Combo Fan (Pump_Sys Fan), EZ Conn-header (JAF_2), 2x Front Panel, Chassis Intrusion (JCI), 2x Thermal Sensor connectors, Tuning Controller Connector, Addressable V2 RGB LED connector, V-check point, Front Type-C Quick Charge Connector(PD_PWR1)
- **Gniazdo zasilania**: ATX (24-pin) + 2x ATX12V (8-pin) + PCIe (8-pin)
- **Wymiary [S x W] (mm)**: 304,8 x 277
- **Opakowanie**: BOX
- **Wyposażenie dodatkowe**: EZ Wi-Fi antenna, EZ M.2 Clip II Removal
- **Zawiera baterię / akumulator**: Tak
- **Informacje dodatkowe**: Support for Windows 11 64-bit