Link do produktu: https://vipelektrogadzet.pl/plyta-msi-z890-gaming-plus-wifi-z890ddr5sata3m2tb4wifibtpcie50s1851atx-p-243851.html

Płyta MSI Z890 GAMING PLUS WIFI /Z890/DDR5/SATA3/M.2/TB4/WiFi/BT/PCIe5.0/s.1851/ATX

Cena	**1 012,43 zł**
Numer katalogowy	**INC-PGMIIDID8020**
Kod producenta	**Z890 GAMING PLUS WIFI**
Kod EAN	**4711377257718**

Opis produktu

Parametry

- **Gniazdo procesora**: Socket 1851
- **Obsługiwane typy procesorów**: Intel Core Ultra Processors (series 2)
- **Uwagi do procesora**:
- **Format płyty**: ATX
- **BIOS**:
- **Chipset płyty głównej**: Intel® Z890
- **Ilość złącz pamięci DDR5**: 4
- **Maksymalna wielkość pamięci**: 256 GB
- **Tryb pracy pamięci RAM**: Dual Channel
- **Standard pamięci**:
- **Uwagi do pamięci RAM**: Max. overclocking frequency:, - 1DPC 1R Max speed up to 9200+ MT/s, - 1DPC 2R Max speed up to 7200+ MT/s, - 2DPC 1R Max speed up to 4800+ MT/s, - 2DPC 2R Max speed up to 4800+ MT/s, Supports Intel POR Speed and JEDEC Speed, Supports Memory Overclocking and Intel® XMP 3.0, Supports Dual-Controller Dual-Channel mode, Supports Non-ECC, Un-buffered memory, Supports CUDIMM, Memory Support 9200 - 6400 (OC) MT/s / 6400 - 4800 (JEDEC) MT/s
- **Zintegrowany kontroler SATA**: Chipset+CPU: 4x SATA III 6Gb/s - RAID 0,1,5,10 + 4x M.2 - RAID 0, 1, 5, 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 Chipset) supports up to PCIe 4.0 x4 ,, supports 22110/2280/2260 devices, - M.2_3 Source (From Chipset) supports up to PCIe 4.0 x4 ,, supports 2280/2260/2242 devices, - M.2_4 Source (From Chipset) supports up to PCIe 4.0 x4 / SATA mode,
- **Gniazda karty graficznej**: HDMI, DisplayPort, Thunderbolt™ 4
- **Uwagi do karty graficznej**: Support HDMI 2.1, maximum resolution of 4K 60Hz, Support DisplayPort 1.4, maximum resolution of 4K 60Hz, Thunderbolt 4 ports, supporting DisplayPort 1.4 over USB Type-C, with a, maximum resolution of 4K 120Hz / 8K 60Hz, Graphics specifications may vary depending on the CPU installed
- **Zintegrowana karta dźwiękowa**: Realtek® ALC897 7.1-Channel High Definition Audio
- **Gniazda karty dźwiękowej**: Wewnętrzne gniazdo audio przedniego panelu, 3x Audio Jack
- **Uwagi do karty dźwiękowej**: Supports up to 32-Bit/384 kHz playback on front panel
- **Złącza PCI Express x16**: 3
- **Złącza PCI Express x1**: 1
- **Uwagi do złącz PCI**: - PCI_E1 Gen PCIe 5.0 supports up to x16 (From CPU), - PCI_E2 Gen PCIe 4.0 supports up to x1 (From Chipset), - PCI_E3 Gen PCIe 4.0 supports up to x4 (From Chipset), - PCI_E4 Gen PCIe 4.0 supports up to x4 (From Chipset)
- **Port LAN**: 1x 5 Gigabit LAN Intel® Killer™ E5000
- **Uwagi do karty sieciowej**:
- **Maksymalna ilość portów USB 2.0**: 8
- **Maksymalna ilość portów USB 3.x**: 9
- **Porty USB na panelu tylnym**: 4x USB 2.0 + 2x USB 3.0 + 1x USB 3.1 + 1x USB 3.1 Type-C + 1x Thunderbolt4
- **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 V5.4
- **Uwagi do WiFi / BT**: Intel® Killer™ BE1750x 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 802.11 a/ b/ g/ n/ ac/ ax/ be, 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 SV3, The Bluetooth version may be updated, please refer to the Wi-Fi chipset, vendor's website for details. Bluetooth 5.4 support schedule depends on, Windows 11 plan

- **Port PS/2**: Port combo klawiatury/myszy PS/2
- **Port szeregowy (COM)**: Brak
- **Port równoległy (LPT)**: Brak
- **Inne porty i gniazda**: Thunderbolt 5 card connector(JTBT5, support RTD3), CPU Fan, Combo Fan (Pump_Sys Fan), 5x System Fan, Złącze czujnika otwarcia obudowy, 2x Front Panel, Tuning Controller Connector, 3x Addressable RGB Gen2 LED connector, RGB LED connector, Gniazdo modułu TPM, Flash BIOS Button
- **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**:
- **Zawiera baterię / akumulator**: Tak
- **Informacje dodatkowe**: Support for Windows 11 64-bit