Płyta MSI MPG Z690 FORCE WIFI /Z690/DDR5/SATA3/M.2/USB3.2/WiFi/BT/PCIe5.0/s.1700/ATX

Indeks: **137014** Producent: **MSI** Kod producenta: **MPG Z690 FORCE WIFI**

Cena: **1,340.90 zł**

Opis

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PROCESSOR Supports 12th Gen Intel® Core™, Pentium® Gold and Celeron® Processors 1 Processor socket LGA1700 Please go to intel.com for compatibility information. See supported processors CHIPSET Intel® Z690 Chipset MEMORY 4x DDR5 memory slots, support up to 128GB1 Supports 1R 4800 MHz (by JEDEC & POR) Max. overclocking frequency:1DPC 1R Max speed up to 6666+ MHz 1DPC 2R Max speed up to 5600+ MHz 2DPC 1R Max speed up to 4000+ MHz 2DPC 2R Max speed up to 4000+ MHz Supports Intel® XMP 3.0 OC Supports Dual Controller Dual-Channel mode Supports non-ECC, un-buffered memory Please refer to www.msi.com for more information on compatible memory See supported memory EXPANSION SLOTS 3x PCIe x16 slotsPCI_E1 & PCI_E2 slots (From CPU)Support PCIe 5.0 Support x16/ x0, x8/ x8 PCI_E3 slot (From Z690 Chipset)Supports PCIe 3.0 x4 ONBOARD GRAPHICS 1x HDMI 2.1 with HDR port, supports a maximum resolution of 4K 60Hz1 / 2 1x DisplayPort 1.4 port with HBR3, supports a maximum resolution of 4K 60Hz1 / 2 Available only on processors featuring integrated graphics. Graphics specifications may vary depending on the CPU installed. MULTI-GPU Supports AMD® CrossFire™ Technology STORAGE 4x SATA 6Gb/s ports - SATA5~8* (From Z690 Chipset)1 2 x SATA 6Gb/s ports - SATAA & SATAB (From ASMedia ASM1061) 5x M.2 slots (Key M)M2_1 slot (From CPU)Supports PCIe 4.0 x4 Supports 2260/ 2280/ 22110 storage devices M2_2 slot (From Z690 Chipset)Supports PCIe 4.0 x4 Supports 2260/ 2280 storage devices M2_3 slot (From Z690 Chipset)Supports PCIe 4.0 x4 Supports 2242/ 2260/ 2280/ 22110 storage devices M2_4 slot (From Z690 Chipset)1 Supports PCIe 3.0 x4 Supports SATA 6Gb/s Supports 2242/ 2260/ 2280 storage devices M2_5 slot (From Z690 Chipset)Supports PCIe 4.0 x4 Supports SATA 6Gb/s Supports 2260/ 2280 storage devices M2_2~5 support Intel® Optane™ Memory Supports Intel® Smart Response Technology for Intel Core™ processors SATA7 will be unavailable when installing M.2 SATA SSD in the M2_4 slot. RAID Supports RAID 0, RAID 1 and RAID 10 for SATA storage devices Supports RAID 0, RAID 1 , RAID 5 and RAID 10 for M.2 NVMe storage devices USB Intel® Z690 Chipset 1x USB3.2 Gen2x2 20Gbps Type-C port on the back panel 6x USB 3.2 Gen 2 10Gbps ports (5 Type-A ports on the back panel, 1 Type-C available through the internal connector) 2x USB 3.2 Gen 1 5Gbps ports available through the internal connector 4 USB 2.0 ports on the back panel USB Hub-GL850G 4x USB 2.0 ports available through internal connectors AUDIO Realtek® ALC4080 Codec 7.1-Channel High Definition Audio Supports S/PDIF output LAN 1x Intel® I225V 2.5Gbps LAN controller WIFI & BLUETOOTH Intel® Wi-Fi 6E module The Wireless module is pre-installed in the M.2 (Key-E) slot Supports MU-MIMO TX/RX, 2.4GHz/ 5GHz/6GHz 1 (160MHz) up to 2.4Gbps Supports 802.11 a/ b/ g/ n/ ac/ ax Supports Bluetooth 5.22 , FIPS, FISMA Wi-Fi 6E 6GHz may depend on every country’s regulations and will be ready in WIN10 21H1 and Windows 11. Bluetooth 5.2 will be ready in WIN10 21H1 and Windows11. INTERNAL CONNECTORS 1x 24-pin ATX main power connector 2x 8-pin ATX 12V power connectors 6x SATA 6Gb/s connectors 5x M.2 slots (M-Key) 1x USB 3.2 Gen 2 10Gbps Type-C connector 1x USB 3.2 Gen 1 5Gbps connector (supports additional 2 USB 3.2 Gen 1 5Gbps ports) 2x USB 2.0 Type-A connectors (supports additional 4 USB 2.0 ports) 1x 4-pin CPU fan connector 1x 4-pin water-pump fan connector 6x 4-pin system fan connectors 1x Front panel audio connector 2x System panel connectors 1x Chassis Intrusion connector 1x Clear CMOS jumper 1x TPM module connector 1x TBT connector (supports RTD3) 1x Tuning Controller connector LED FEATURE 1x EZ LED Control switch 4x EZ Debug LED 1x 2-Digit Debug Code LED 1x 4-pin RGB LED connector 2x 3-pin RAINBOW LED connectors 1x 3-pin CORSAIR LED connector BACK PANEL PORTS USB 2.0 DisplayPort 2.5G LAN Wi-Fi/Bluetooth Audio Connectors Flash BIOS Button HDMI USB 3.2 Gen 2 10Gbps Type-A USB 3.2 Gen 2x2 20Gbps Type-C Optical S/PDIF Out DIMENSIONS ATX Form Factor 12 in. x 9.6 in. (30.5 cm x 24.4 cm) MOUNTING 9 mounting holes OPERATING SYSTEM Support for Windows® 11 64-bit, Windows® 10 64-bit

Parametry

Model	MSI MPG Z690 FORCE WIFI
Producent	MSI
EAN	4719072886547
Chipset	Z690
Kod producenta	MPG Z690 FORCE WIFI
Obsługiwane procesory	Intel
Standard płyty	ATX
Stan	Nowy