Mainboard MSI AMD B850 SAM5 ATX Memory DDR5 Memory slots 4 B850GAMINGPLUSWIFIPZ

Modelis: B850 GAMING PLUS WIFI PZ

Gamintojas: MSI

EAN: 4711377365284

Prekės kodas: 356750

238.99€

B850 GAMING PLUS WIFI PZ

The B850 GAMING PLUS WIFI PZ is crafted to offer extensive connectivity, versatile tools, and a premium Wi-Fi solution for gamers seeking a comprehensive experience. Featuring full-speed Wi-Fi 7, 5G LAN, PCIe 5.0 solution, Supplemental PCIe Power and exclusive EZ DIY features, it is ready for 24/7 non-stop gaming optimized for AMD Ryzen™ 9000 series processors.

MSI motherboards are designed with advanced hardware and technology, well-supporting the demanding computing usage of gaming and AI. Moreover, we also introduce AI to MSI Center and

BIOS, making everything more effortless than before.

Back-Connect Design

The B850 GAMING PLUS WIFI PZ features a back-connect design, which relocates the motherboard power, CPU power, fan pins, SATA, and other interfaces to the back of the motherboard. This allows for simpler cable management, while also providing a cleaner and more aesthetically pleasing appearance for the system.

12+2+1 Duet Rail Power System

Unleash and sustain maximum performance with an aggressive VRM design built with digital CPU power system. Combining 8 + 8-pin power connectors and exclusive Core Boost technology, the B850 GAMING PLUS WIFI PZ is ready to sustain heavy gaming loadings.

Cooling Overview

Extended Heatsink

Extended Heatsink enlarges the surface of heat dissipation and maintain the performance at heavy loads.

M.2 Shield Frozr

Strengthened M.2 thermal solution helps keep M.2 SSD safe and ensures incredible performance.

Heavy Plated VRM Heatsink
The VRM heatsink covers the upper MOS and helps dissipate the heat.

7W/mK Thermal Pad & Additional Choke Pad

High-quality 7W/mK MOSFET thermal pads and additional choke thermal pads ensure stable performance when all cores are running at high speed.

Enlarged Chipset Heatsink

The enlarged heatsink is designed to reduce dust and noise and capable of maintaining high efficiency of heat dissipation.

HIGH-BANDWIDTH AND LOW-LATENCY NETWORK

MSI's premium network solution provides incredible data transfer speed for demanding users.

- Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Desktop Processors
- Supports DDR5 Memory, Dual Channel DDR5 8200+ MT/s (OC)
- Ultra Performance: 12+2+1 Duet Rail Power System, dual 8-pin CPU power connectors, Core Boost, Memory Boost, 6-layer PCB made by 2oz thickened copper and server-grade level material
- Frozr Guard: Extended Heatsink, MOSFET thermal pads rated for 7W/mK, additional choke thermal pads and M.2 Shield Frozr are built for high performance system and non-stop experience
- High-Speed Connectivity: 5G LAN with full-speed Wi-Fi 7 Solution - The latest solution for professional and multimedia use, delivering secure, stable, and high-speed networking and data transmission
- Lightning Fast Game experience: PCIe 5.0 slot, Lightning Gen 5 x4 M.2, Front USB Type-C
- EZ DIY: EZ M.2 Clip II, EZ PCIe Clip II and EZ Antenna
- Audio Boost: Reward your ears with studio-grade sound quality for the most immersive gaming experience

Summary: MSI B850 GAMING PLUS WIFI PZ. Processor manufacturer: AMD, Processor socket: Socket AM5, Compatible processor series: AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series. Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, Micro SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E.... Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: AMD | Vendor Homepage: https://www.msi.com/Motherboard/B850-

GAMING-PLUS-WIFI-PZ | Audio chip: Realtek ALC897 | Audio output channels: 7.1 | Component for: PC | Motherboard chipset: AMD B850 | Motherboard chipset family: AMD | Motherboard form factor: ATX | Product colour: Black | Windows operating systems supported: Windows 11 x64 | Compatible processor series: AMD Ryzen 7000 Series/AMD Ryzen 8000 Series/AMD Ryzen 9000 Series | Maximum internal memory supported by processor: 256 | Processor manufacturer: AMD | Processor socket: Socket AM5 | Supported processor sockets: Socket AM5 | ECC compatibility: Non-ECC | Maximum internal memory: 256 | Memory channels: Dual-channel | Memory slots type: DIMM | Number of memory slots: 4 | Supported memory clock speed (max): 8200 | Supported memory clock speeds: 4800/5600/6400/8200 | Supported memory types: DDR5-SDRAM | Number of HDDs supported: 4 | Number of storage drives supported: 7 | RAID levels: 0/1/10/5 | RAID support: Yes | Supported storage drive interfaces: M.2,Micro SATA III | Supported storage drive types: HDD & SSD | On-board graphics card: No | CPU fan connector: Yes | Number of CPU fan connectors: 4 | Number of RGB LED pin headers: 3 | Number of SATA III connectors: 4 | Number of water pump connectors: 1 | RGB LED pin header: Yes | S/PDIF out connector: Yes | Total number of SATA connectors: 4 | USB 2.0 connectors: 4 | USB 3.2 Gen 1 (3.1 Gen 1) connectors: 4 | USB 3.2 Gen 2 (3.1 Gen 2) connectors: 1 | DisplayPort version: 1.2 | DisplayPorts quantity: 1 | Ethernet LAN (RJ-45) ports: 1 | HDMI ports quantity: 1 | HDMI version: 2.1 | USB 2.0 ports quantity: 4 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 1 | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity: 1 | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity: 2 | Bluetooth: Yes | Bluetooth version: 5.4 | Ethernet interface type: 5 Gigabit Ethernet | Ethernet LAN: Yes | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Wi-Fi: Yes | Wi-Fi standards: 802.11a/802.11b/802.11g/Wi-Fi 4 (802.11n)/Wi-Fi 5 (802.11ac)/Wi-Fi 6 (802.11ax)/Wi-Fi 6E (802.11ax)/Wi-Fi 7 (802.11be) | 1st M.2 highest PCI Express generation: 5.0 | 1st M.2 largest key size: 2280 | 2nd M.2 highest PCI Express generation: 4.0 | 2nd M.2 largest key size: 22110 | 3rd M.2 highest PCI Express generation: 4.0 | 3rd M.2 largest key size: 2280 | Number of M.2 (M) slots: 3 | PCI Express x16 (Gen 3.x) slots: 2 | PCI Express x16 (Gen 4.x) slots: 1 | PCI Express x16 (Gen 5.x) slots: 1 | ACPI version: 6.5 | BIOS type: UEFI AMI | System Management BIOS (SMBIOS) version: 3.7 | Depth: 304.8 | Width: 243.84 | Model: B850 GAMING PLUS WIFI PZ | Units per Pallet: 0 | Units per Shipping Box: 5 | Unit Calculated Volume: 0.009405 | Unit Calculated Weight: 2.32