



MSI PRO B650-S WIFI DDR5 AM5 ATX Motherboard

Sale Price: 20700.0

PRODUCT ID: 0011579

Basic

Information

Supported CPU	Supports AMD Ryzen 9000/ 8000 & 7000 Series Desktop Processors Socket AM5
Chipset	AMD B650
Form Factor	ATX 243.84mmx304.8mm
Audio	Realtek ALC897 Codec 7.1-Channel High Definition Audio

Expansion

Slots

PCI	2x PCI-E x16 slot 1x PCI-E x1 slot PCI_E1 Gen PCIe 4.0 supports up to x16 (From CPU) PCI_E2 Gen PCIe 3.0 supports up to x1 (From Chipset) PCI_E3 Gen PCIe 4.0 supports up to x4 (From Chipset)
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Memory

Type	DDR5
Slots	4 DIMMs
Supported Memory	Memory Support DDR5 7200+(OC)/ 7000(OC)/ 6800(OC)/ 6600(OC)/ 6400(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600(OC)/ 5400(OC)/ 5200(OC)/ 5000(OC)/ 4800(JEDEC) MHz Max. overclocking frequency: 1DPC 1R Max speed up to 7200+ MHz 1DPC 2R Max speed up to 6000+ MHz 2DPC 1R Max speed up to 6000+ MHz 2DPC 2R Max speed up to 5400+ MHz Supports Dual-Channel mode Supports non-ECC, un-buffered memory Supports AMD EXPO
Maximum Memory	192GB

Graphics

Information

Graphics	1x HDMI 1x DisplayPort Support HDMI 2.1, maximum resolution of 4K 60Hz Supports DP1.4, maximum resolution of 4K 60Hz
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Connector & Ports

HDMI	1x HDMI
Display Port (s)	1x DisplayPort
USB (s)	4x USB 2.0 (Front) 4x USB 3.2 Gen1 Type A (Rear) 2x USB 3.2 Gen1 Type A (Front) 3x USB 3.2 Gen2 Type A (Rear) 1x USB 3.2 Gen2 Type C (Front) 1x USB 3.2 Gen2x2 Type C (Rear)
LAN Port (s)	Realtek 8125BG 2.5G LAN
Wireless Communication module	AMD Wi-Fi 6E The Wireless module is pre-installed in the M.2 (Key-E) slot Supports MU-MIMO TX/RX Supports 20MHz, 40MHz, 80MHz bandwidth in 2.4GHz/ 5GHz or 6GHz* bands Supports 802.11 a/ b/ g/ n/ ac/ ax Supports Bluetooth 5.3
Supported Storage	2x M.2 M.2_1 Source (From CPU) supports up to PCIe 4.0 x4 , supports 22110/2280 devices M.2_2 Source (From CPU) supports up to PCIe 4.0 x4 , supports 2280/2260 devices 4x SATA 6G
RAID	Supports RAID 0 and RAID 1 for SATA storage devices Supports RAID 0 and RAID 1 for M.2 NVMe storage devices
Audio	Audio Connectors

Information

Internal I/O Ports

INTERNAL IO:

- 1x Power Connector(ATX_PWR)
- 2x Power Connector(CPU_PWR)
- 1x CPU Fan
- 1x Pump Fan
- 4x System Fan
- 2x Front Panel (JFP)
- 1x Chassis Intrusion (JCI)
- 1x Front Audio (JAUD)
- 1x Com Port (JCOM)
- 1x Tuning Controller connector(JDASH)
- 2x Addressable V2 RGB LED connector (JARGB_V2)
- 2x RGB LED connector(JRGB)
- 1x TPM pin header(Support TPM 2.0)
- 4x USB 2.0 ports
- 2x USB 3.2 Gen1 Type A ports
- 1x USB 3.2 Gen2 Type C ports

BACK PANEL PORTS:

- DisplayPort
- 2.5G LAN
- USB 3.2 Gen 2 10Gbps (Type-A)
- USB 3.2 Gen 1 5Gbps (Type-A)
- 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)

TPM (Trusted Platform Module)

- 1x TPM pin header(Support TPM 2.0)

Others

Special Features

- 4x EZ Debug LED

Warranty Information

Manufacturing Warranty

- 3 Years