# MSI PRO B550M-P WIFI6E AMD AM4 mATX Motherboard



Sale Price: 16400.0

PRODUCT ID: 0014908

| Basic Information | |
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| Supported CPU | Supports AMD Ryzen 5000 Series, 5000 G-Series, 4000 G-Series, 3000 Series and 3000 G-Series desktop processors<br>Socket AM4 |
| Chipset | AMD B550 |
| Form Factor | mATX<br>243.84mmx243.84mm |
| Audio | Realtek ALC897 Codec<br>7.1-Channel High Definition Audio |
| Expansion Slots | |
| PCI | 1x PCI-E x16 slot<br>2x PCI-E x1 slot<br>PCI_E1 Gen PCIe 4.0 supports up to x16 (From CPU)<br>PCI_E2 Gen PCIe 3.0 supports up to x1 (From Chipset)<br>PCI_E3 Gen PCIe 3.0 supports up to x1 (From Chipset) |
| M.2 Socket | 2x M.2<br>M.2_1 Source (From CPU) supports up to PCIe 4.0 x4 / SATA mode, supports 2280/2260/2242 devices<br>M.2_2 Source (From Chipset) supports up to PCIe 3.0 x4 , supports 2280/2260/2242 devices |
| Memory | |
| Type | DDR4 |
| Slots | 4x DDR4 |
| Supported Memory | Memory Support DDR4 2667/ 2800/ 2933/ 3000/ 3066/ 3200/ 3466/ 3600/ 3733/ 3866/ 4000/ 4133/ 4266/ 4400+ MHz by A-XMP OC MODE<br>Max. overclocking frequency:<br>• 1DPC 1R Max speed up to 4400+ MT/s<br>• 1DPC 2R Max speed up to 3733+ MT/s<br>• 2DPC 1R Max speed up to 3866+ MT/s<br>• 2DPC 2R Max speed up to 3466+ MT/s<br>Supports JEDEC Speed<br>Supports Dual-Channel mode<br>Supports non-ECC, un-buffered memory<br>Supports Memory Overclocking by A-XMP OC mode |
| Maximum Memory | Up to 128GB |
| Graphics | |

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| | 1x DisplayPort<br>Supports DP 1.4, maximum resolution of 4K 60Hz<br>1x VGA<br>Support VGA, maximum resolution of 2048x1536 50Hz, 1920x1200 60Hz |
| Connector & Ports | |
| HDMI | 1x HDMI 2.1 |
| Display Port (s) | 1x DisplayPort 1.4 |
| VGA (s) | 1x VGA |
| USB (s) | 2x USB 2.0 (Rear)<br>4x USB 2.0 (Front)<br>4x USB 5Gbps Type A (Rear)<br>2x USB 5Gbps Type A (Front)<br>1x USB 5Gbps Type C (Front) |
| LAN Port (s) | Realtek RTL8111H 1Gbps LAN |
| Wireless Communication module | Wi-Fi 6E<br>The Wireless module is pre-installed in the M.2 (Key-E) slot<br>Dual-band 1T1R mode<br>Supports MU-MIMO RX<br>Supports 2.4GHz/ 5GHz/ 6GHz* frequency band<br>Supports 802.11 a/ b/ g/ n/ ac/ ax |
| Supported Storage | 2x M.2<br>M.2_1 Source (From CPU) supports up to PCIe 4.0 x4 / SATA mode, supports 2280/2260/2242 devices<br>M.2_2 Source (From Chipset) supports up to PCIe 3.0 x4 , supports 2280/2260/2242 devices<br>4x SATA 6G |
| RAID | Supports RAID 0, RAID 1, and RAID 10 for SATA storage devices<br>Supports RAID 0 and RAID 1 for M.2 NVMe storage devices |
| Audio | 1x Front Audio (JAUD) |
| Internal I/O Ports | 1x Power Connector(ATX_PWR)<br>1x Power Connector(CPU_PWR)<br>1x CPU Fan<br>2x System Fan<br>2x Front Panel (JFP)<br>1x Chassis Intrusion (JCI)<br>1x Front Audio (JAUD)<br>1x Com Port (JCOM)<br>2x Addressable V2 RGB LED connector (JARGB_V2)<br>2x RGB LED connector(JRGB)<br>1x TPM pin header(Support TPM 2.0)<br>4x USB 2.0 ports<br>2x USB 5Gbps Type A ports<br>1x USB 5Gbps Type C ports |
| TPM (Trusted Platform Module ) | 1x TPM pin header(Support TPM 2.0) |
| Others | |
| Special Features | 4x EZ Debug LED<br>Support for Windows 11 64-bit, Windows 10 64-bit |

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| Manufacturing Warranty | 3 Years |