MSI B550M Pro-VDH AM4 AMD Micro-ATX Motherboard



Sale Price: 15000.0

PRODUCT ID: 0001258

Basic Information

Supported CPU	AMD Ryzen 5000/4000G Series & AMD Ryzen 3rd Generation Processors
Chipset	AMD B550
Form Factor	Micro-ATX Form Factor 9.6 in. x 9.6 in. (24.4 cm x 24.4 cm)

Expansion Slots

PCI	1x PCIe 4.0/ 3.0 x16 slot (PCI_E1) 2x PCIe 3.0 x1 slots
M.2 Socket	2x M.2 slots (Key M) M2_1 slot (from AMD Processor) Supports PCIe 4.0/ 3.0 x4 Supports SATA 6Gb/s Supports 2242/ 2260/ 2280 storage devices M2_2 slot (from AMD B550 chipset) Supports PCIe 3.0x4 Supports 2242/ 2260/ 2280 storage devices

Memory

Type	Dual-channel memory architecture
Slots	4x DDR4 memory slots
Supported Memory	Supports DDR4 1866/ 2133/ 2400/ 2667/ 2800/ 2933/ 3000/ 3066/ 3200 MHz by JEDEC Supports DDR4 2667/ 2800 /2933 /3000 /3066 /3200 /3466 /3600/ 3733 /3866 /4000 /4133 /4266 /4400+ MHz by A-XMP OC MODE 1DPC 1R max speed 4400 MHZ 1DPC 2R max speed 3733 MHZ 2DPC 1R max speed 3866 MHZ 2DPC 2R max speed 3466 MHZ Supports non-ECC UDIMM memory Supports ECC UDIMM memory Supports un-buffered memory
Maximum Memory	128GB

Graphics

Graphics	1x VGA port, supports resolution of 2048x1536 @50Hz, 2048x1280 @60Hz, 1920x1200 @60Hz 1x DisplayPort, supports a maximum resolution of 4096x2160 @60Hz 1x HDMI 2.1 port, supports a maximum resolution of 4096x2160 @60Hz
Max Shared Memory	16GB

Connector & Ports

HDMI	1x HDMI 2.1 port, supports a maximum resolution of 4096x2160 @60Hz
Display Port (s)	1x DisplayPort supports a maximum resolution of 4096x2160 @60Hz
USB (s)	AMD B550 Chipset 3x USB 3.2 Gen 1 5Gbps ports (1 Type-C internal connector, and 2 ports are available through the internal USB 3.2 Gen 1 5Gbps connector) 6x USB 2.0 ports (2 Type-A ports on the back panel, 4 ports through the internal USB 2.0 connectors) AMD Processor 4x USB 3.2 Gen 1 5Gbps Type-A ports on the back panel
LAN Port (s)	1x Realtek 8111HN Gigabit LAN controller
Supported Storage	AMD B550 Chipset 4x SATA 6Gb/s ports 2x M.2 slots (Key M) M2_1 slot (from AMD Processor) Supports PCIe 4.0/ 3.0 x4 Supports SATA 6Gb/s Supports 2242/ 2260/ 2280 storage devices M2_2 slot (from AMD B550 chipset) Supports PCIe 3.0x4 Supports 2242/ 2260/ 2280 storage devices
Audio	Realtek ALC892 Codec 7.1-Channel High Definition Audio
Internal I/O Ports	1x 24-pin ATX main power connector 1x 8-pin ATX 12V power connector 4x SATA 6Gb/s connectors 2x M.2 slots (M-Key) 1x USB 3.2 Gen 1 5Gbps Type-C port 1x USB 3.2 Gen 1 5Gbps connector (supports additional 2 USB 3.2 Gen 1 5Gbps ports) 2x USB 2.0 connectors (supports additional 4 USB 2.0 ports) 1x 4-pin CPU fan connector 1x 4-pin water-pump fan connector 3x 4-pin system fan connectors 1x Front panel audio connector 2x System panel connectors 1x Serial port connector 1x Chassis Intrusion connector 2x 4-pin RGB LED connectors 2x 3-pin RAINBOW LED connectors 1x Clear CMOS jumper
TPM (Trusted Platform Module)	1 x TPM module connector

Others

Special Features	WIRELESS LAN & BLUETOOTH: Intel Dual Band Wireless-AC 3168- Supports Wi-Fi 802.11 a/b/g/n/ac, dual band (2.4GHz, 5GHz) up to 433 Mbps speed. Supports Dual Mode Bluetooth 2.1,2.1+EDR,3.0,4.0,BLE,4.2

Warranty Information

Manufacturing Warranty	03 Years Warranty