

MSI B450-A PRO MAX AMD AM4 Motherboard

Sale Price: 12800.0



PRODUCT ID: 04168

Basic Information

Supported CPU	Supports 1st, 2nd and 3rd Gen AMD Ryzen/ Ryzen with Radeon Vega Graphics/ 2nd Gen AMD Ryzen with Radeon Graphics/ Athlon with Radeon Vega Graphics Desktop Processors for Socket AM4
Chipset	AMD B450 Chipset
Form Factor	ATX 12 in. x 9.6 in. (30.5 cm x 24.4 cm)

Expansion Slots

PCI	1 x PCIe 3.0 x16 slot (PCI_E1) 1st, 2nd and 3rd Gen AMD Ryzen support x16 mode Ryzen with Radeon Vega Graphics and 2nd Gen AMD Ryzen with Radeon Graphics support x8 mode Athlon with Radeon Vega Graphics support x4 mode 1 x PCIe 2.0 x16 slot (PCI_E4, supports x4 mode) 4 x PCIe 2.0 x1 slots
M.2 Socket	1 x M.2 slot (Key M)1 Supports PCIe 3.0 x4 (1st, 2nd and 3rd Gen AMD Ryzen/ Ryzen with Radeon Vega Graphics and 2nd Gen AMD Ryzen with Radeon Graphics) or PCIe 3.0 x2 (Athlon with Radeon Vega Graphics) and SATA 6Gb/s standards 2242/ 2260/ 2280/ 22110 storage device

Memory

Type	Dual channel memory architecture
Slots	4 x DDR4 memory slots

Basic Information

Supported Memory	Supports 1866/ 2133/ 2400/ 2667Mhz (by JEDEC) For AMD Ryzen Gen3 (R5/R7/R9) Supports 2667/ 2800/ 2933/ 3000/ 3066/ 3200/ 3466/ 3733/ 3866/ 4000/ 4133 MHz(by A-XMP OC MODE) For AMD Other CPU Supports 2667/ 2800/ 2933/ 3000/ 3066/ 3200/ 3466 MHz(by A-XMP OC MODE) Supports non-ECC UDIMM memory Supports ECC UDIMM memory (non-ECC mode)
Maximum Memory	64GB

Graphics

Graphics	1 x VGA port, support a maximum resolution of 2048x1280 @60Hz,1920x1200 @60Hz 1 x DVI-D port, support a maximum resolution of 1920x1200 @60Hz 1 x HDMI™ 1.4 port, supports a maximum resolution of 4096x2160 @30Hz, 2560x1600 @60Hz Only support when using Ryzen with Radeon Vega Graphics and 2nd Gen AMD Ryzen with Radeon Graphics/ Athlon with Radeon Vega Graphics processors Supports 2-Way AMD CrossFire Technology
Max Shared Memory	2048 MB

Connector & Ports

HDMI	1 x HDMI 1.4 port 4096x2160 @30Hz, 2560x1600 @60Hz
DVI-D (s)	1 x DVI-D port, support a maximum resolution of 1920x1200 @60Hz
USB (s)	AMD B450 Chipset 2 x USB 3.2 Gen2 (SuperSpeed USB 10Gbps) Type-A ports on the back panel 2 x USB 3.2 Gen1 (SuperSpeed USB) ports available through the internal USB 3.2 Gen1 connector 6 x USB 2.0 (High-speed USB) ports (2 Type-A ports on the back panel, 4 ports available through the internal USB 2.0 connectors) AMD CPU 2 x USB 3.2 Gen1 (SuperSpeed USB) Type-A ports on the back panel
LAN Port (s)	1 x Realtek 8111H Gigabit LAN controller

Basic Information

Supported Storage	AMD CPU 2 x SATA 6Gb/s ports 1 x M.2 slot (Key M) Supports PCIe 3.0 x4 (1st, 2nd and 3rd Gen AMD Ryzen/ Ryzen with Radeon Vega Graphics and 2nd Gen AMD Ryzen with Radeon Graphics) or PCIe 3.0 x2 (Athlon with Radeon Vega Graphics) and SATA 6Gb/s standards 2242/ 2260/ 2280/ 22110 storage device AMD B450 Chipset 4 x SATA 6Gb/s ports
Audio	Realtek ALC892 Codec 7.1-Channel High Definition Audio
Internal I/O Ports	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 6 x SATA 6Gb/s connectors 2 x USB 2.0 connectors (support additional 4 USB 2.0 ports) 1 x USB 3.2 Gen1 connectors (support additional 2 USB 3.2 Gen1 ports) 1 x 4-pin CPU fan connector 1 x 4-pin water-pump-fan connector 4 x 4-pin system fan connectors 1 x Front panel audio connector 2 x System panel connectors 1 x Serial port connector 1 x Parallel port connector 1 x Chassis Intrusion connector 1 x Clear CMOS jumper 1 x 5050 RGB LED strip 12V connector
TPM (Trusted Platform Module)	1 x TPM module connector

Warranty Information

Manufacturing Warranty	03 Years Warranty
------------------------	-------------------