



MSI B450M PRO-M2 - Motherboard

micro ATX - Socket AM4 - AMD B450 Chipset - USB 3.1 Gen 1 - Gigabit LAN - onboard graphics (CPU required) - HD Audio (8-channel)

Group	Motherboards
Manufacturer	MSI
Manufacturer item no.	7B84-005R
EAN/UPC	4719072585624

Description

Combining quality you can rely on with top performance and clever business solutions are key aspects of the MSI motherboards. Engineered to gratify demanding professionals, these motherboards will fit in any PC.

Main features

Product Description	MSI B450M PRO-M2 - motherboard - micro ATX - Socket AM4 - AMD B450
Product Type	Motherboard - micro ATX
Chipset Type	AMD B450
Processor Socket	1 x Socket AM4
Compatible Processors	Ryzen (supports 1st and 2nd Generation Ryzen / Ryzen with Radeon Vega Graphics)
Max RAM Size	32 GB
RAM Supported	2 DIMM slots - DDR4, non-ECC, ECC (operate in non-ECC mode), unbuffered
Storage Ports	4 x SATA-600 (RAID), 1 x M.2
USB / FireWire Ports	4 x USB 3.1 Gen 1 + 2 x USB 2.0 + (2 x USB 3.1 Gen 1 + 4 x USB 2.0 via headers)
Max Allocated RAM Size	2048 MB
Audio	HD Audio (8-channel)
LAN	Gigabit Ethernet

Extended details

General	
Product Type	Motherboard - micro ATX
Chipset Type	AMD B450
Processor Socket	Socket AM4
Max Processors Qty	1
Compatible Processors	Ryzen (supports 1st and 2nd Generation Ryzen / Ryzen with Radeon Vega Graphics)

Supported RAM	
Max Size	32 GB
Technology	DDR4
Bus Clock	2400 MHz, 1866 MHz, 2133 MHz, 2667 MHz, 2800 MHz (O.C.), 2933 MHz (O.C.), 3000 MHz (O.C.), 2667 MHz (O.C.), 3200 MHz (O.C.), 3466 MHz (O.C.), 3066 MHz (O.C.)
Supported RAM Integrity Check	Non-ECC, ECC (operate in non-ECC mode)
Registered or Buffered	Unbuffered
Features	Dual channel memory architecture, supported ECC modules operate in non-ECC mode, A-XMP support
Graphics	
Max Allocated RAM Size	2048 MB
Audio	
Type	HD Audio (8-channel)
Audio Codec	Realtek ALC887
Compliant Standards	High Definition Audio
LAN	
Network Controller	Realtek RTL8111H
Network Interfaces	Gigabit Ethernet
Expansion / Connectivity	
Expansion Slots	1 x CPU 2 x DIMM 288-pin 1 x PCIe 3.0 x16 (x16 mode (with 1st and 2nd Generation Ryzen CPU); x8 mode (with Ryzen with Radeon Vega Graphics)) 2 x PCIe 2.0 x1
Storage Interfaces	SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 SATA-600 / PCIe 3.0 -connectors: 1 x M.2
Interfaces	1 x LAN (Gigabit Ethernet) 1 x PS/2 keyboard / mouse 1 x audio line-in - mini-jack 1 x audio line-out - mini-jack 1 x microphone - mini-jack 1 x DVI-D 1 x HDMI 1 x VGA 2 x USB 2.0 4 x USB 3.1 Gen 1
Internal Interfaces	4 x USB 2.0 - header 2 x USB 3.1 Gen 1 - header 1 x audio - header 1 x serial - header
Power Connectors	24-pin main power connector, 8-pin ATX12V connector
Features	
BIOS Features	MSI ClickBIOS 5
Hardware Features	MSI Audio Boost, Debug LED, Turbo M.2, MSI Core Boost, MSI PCIe Steel Slot, AMD StoreMI technology
Miscellaneous	
Included Accessories	I/O back cover
Cables Included	2 x Serial ATA cable
Software Included	Drivers & Utilities, MSI Live Update, MSI Command Center, RAMdisk, MSI X-BOOST
Width	24.4 cm
Depth	20.6 cm