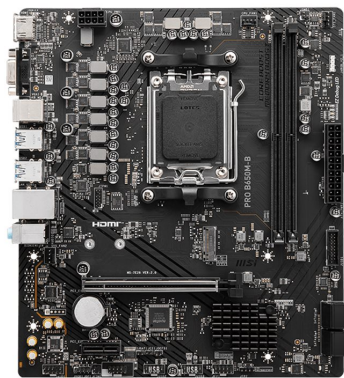


# MSI PRO B650M-B - motherboard - micro ATX - Socket AM5 - AMD B650



04-06-2024

|                        |                                                                   |
|------------------------|-------------------------------------------------------------------|
| SKU                    | PRO B650M-B                                                       |
| Product Description:   | MSI PRO B650M-B - motherboard - micro ATX - Socket AM5 - AMD B650 |
| Product Type:          | Motherboard - micro ATX                                           |
| Chipset Type:          | AMD B650                                                          |
| Processor Socket:      | 1 x Socket AM5                                                    |
| Compatible Processors: | Ryzen (supports Ryzen 7000/8000 Series)                           |
| Max RAM Size:          | 96 GB                                                             |
| RAM Supported:         | 2 DIMM slots - DDR5, non-ECC, unbuffered                          |



General

|                        |                                         |
|------------------------|-----------------------------------------|
| Product Type:          | Motherboard - micro ATX                 |
| Chipset Type:          | AMD B650                                |
| Processor Socket:      | Socket AM5                              |
| Max Processors Qty:    | 1                                       |
| Compatible Processors: | Ryzen (supports Ryzen 7000/8000 Series) |

Supported RAM

|                                |                                                                                                                                                                                    |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max Size:                      | 96 GB                                                                                                                                                                              |
| Technology:                    | DDR5                                                                                                                                                                               |
| Bus Clock:                     | 5000 MHz (O.C.), 5200 MHz (O.C.), 5400 MHz (O.C.), 5600 MHz (O.C.), 5800 MHz (O.C.), 6000 MHz (O.C.), 4800 MHz, 6200 MHz (O.C.), 6400 MHz (O.C.), 6600 MHz (O.C.), 6800 MHz (O.C.) |
| Supported RAM Integrity Check: | Non-ECC                                                                                                                                                                            |
| Registered or Buffered:        | Unbuffered                                                                                                                                                                         |
| Features:                      | Dual channel memory architecture, AMD EXPO technology                                                                                                                              |

Audio

|                      |                       |
|----------------------|-----------------------|
| Type:                | HD Audio (8-channel)  |
| Audio Codec:         | Realtek ALC897        |
| Compliant Standards: | High Definition Audio |

LAN

|                     |                      |
|---------------------|----------------------|
| Network Controller: | Realtek RTL8125BG    |
| Network Interfaces: | 2.5 Gigabit Ethernet |

Miscellaneous

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Included Accessories: | IO shield, m.2 screw / standoff sets                            |
| Cables Included:      | 1 x Serial ATA cable                                            |
| Software Included:    | MSI CPU-Z, MSI Center, AIDA64 Extreme - MSI Edition, Norton 360 |
| Width:                | 21.5 cm                                                         |
| Depth:                | 24.384 cm                                                       |

Features

|                    |                                                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BIOS Type:         | AMI                                                                                                                                                                           |
| BIOS Features:     | UEFI BIOS, MSI ClickBIOS 5, ACPI 6.4 support, SMBIOS 3.5 support                                                                                                              |
| Hardware Features: | MSI Audio Boost, MSI Mystic Light, MSI Steel Armor, 2oz Copper PCB, MSI Core Boost, EZ LED control, MSI Memory Boost, Frozr AI Cooling, lightning gen4 solution, EZ Debug LED |

Expansion / Connectivity

|                      |                                                                                                                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Expansion Slots:     | 1 x CPU ; 2 x DIMM 288-pin ; 1 x PCIe 4.0 x16 ; 1 x PCIe 3.0 x1 ; 1 x M.2 socket (2260/2280 M.2 Key M slot)                                                                                                             |
| Storage Interfaces:  | SATA-600 -connectors: 4 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10                                                                                                                                                   |
| Interfaces:          | 1 x HDMI ; 1 x VGA ; 4 x USB 3.2 Gen 1 ; 2 x USB 2.0 ; 1 x audio line-out - mini-jack ; 1 x audio line-in - mini-jack ; 1 x microphone - mini-jack ; 1 x LAN (2.5Gigabit Ethernet) ; 1 x PS/2 keyboard ; 1 x PS/2 mouse |
| Internal Interfaces: | 4 x USB 2.0 - header ; 2 x USB 3.2 Gen 1 - header ; 1 x audio - header ; 1 x SPI - header                                                                                                                               |
| Power Connectors:    | 24-pin main power connector, 8-pin ATX12V connector                                                                                                                                                                     |