

MSI B550-A PRO - motherboard - ATX - Socket AM4 - AMD B550



13-05-2024

SKU	B550-A PRO
Product Description:	MSI B550-A PRO - motherboard - ATX - Socket AM4 - AMD B550
Product Type:	Motherboard - ATX
Chipset Type:	AMD B550
Processor Socket:	1 x Socket AM4
Compatible Processors:	Ryzen (supports 3rd Generation Ryzen and New Generation Ryzen with Radeon Graphics)
Max RAM Size:	128 GB
RAM Supported:	4 DIMM slots - DDR4, non-ECC, ECC (operate in non-ECC mode), unbuffered

General

Product Type:	Motherboard - ATX
Chipset Type:	AMD B550
Processor Socket:	Socket AM4
Max Processors Qty:	1
Compatible Processors:	Ryzen (supports 3rd Generation Ryzen and New Generation Ryzen with Radeon Graphics)

Miscellaneous

Included Accessories:	Case badge, I/O back cover
Cables Included:	2 x Serial ATA cable
Software Included:	Drivers & Utilities
Width:	30.5 cm
Depth:	24.4 cm

Features

Hardware Features:	AMD CrossFireX technology support, Debug LED, Double ESD Protection, 2oz Copper PCB, M.2 Shield FROZR, MSI Core Boost, MSI PCIe Steel Slot, MSI Mystic Light Sync
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Supported RAM

Max Size:	128 GB
Technology:	DDR4
Bus Clock:	2400 MHz, 1866 MHz, 2133 MHz, 2800 MHz, 3000 MHz, 2666 MHz, 2933 MHz, 3466 MHz (O.C.), 3733 MHz (O.C.), 3600 MHz (O.C.), 3866 MHz (O.C.), 4000 MHz (O.C.), 4133 MHz (O.C.), 4400 MHz (O.C.), 4266 MHz (O.C.), 3200 MHz, 3066 MHz

Expansion / Connectivity

Expansion Slots:	1 x CPU 4 x DIMM 288-pin 1 x PCIe 4.0 x16 1 x PCIe 3.0 x16 (x4 mode (auto turn-off if M.2 is occupied)) 2 x PCIe 3.0 x1
Storage Interfaces:	SATA-600 -connectors: 6 x 7pin Serial ATA - RAID 0 / RAID 1 / RAID 10 SATA-600 / PCIe 4.0 -connectors: 1 x M.2 - RAID 0 / RAID 1 PCIe 3.0 -connectors: 1 x M.2 - RAID 0 / RAID 1

Supported RAM

Supported RAM Integrity Check:	Non-ECC, ECC (operate in non-ECC mode)
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Registered or Buffered:	Unbuffered
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Features:	Dual channel memory architecture, supported ECC modules operate in non-ECC mode, A-XMP support
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Graphics

Max Allocated RAM Size:	2 GB
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Expansion / Connectivity

Interfaces:	1 x LAN (Gigabit Ethernet) ; 1 x audio line-in - mini-jack ; 1 x audio line-out - mini-jack ; 1 x microphone - mini-jack ; 1 x audio line-out (side surround) - mini-jack ; 2 x USB 3.2 Gen 1 ; 1 x USB 3.2 Gen 2 ; 1 x audio line-out (center/subwoofer) - mini-jack ; 1 x audio line-out (rear) - mini-jack ; 1 x USB-C Gen2 ; 1 x PS/2 keyboard / mouse ; 4 x USB 2.0 ; 1 x HDMI ; 1 x DisplayPort
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Internal Interfaces:	4 x USB 2.0 - header ; 2 x USB 3.2 Gen 1 - header ; 1 x USB-C Gen 1 - header ; 1 x audio - header
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Power Connectors:	24-pin main power connector, 8-pin ATX12V connector
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LAN

Network Controller:	Realtek RTL8111H
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Network Interfaces:	Gigabit Ethernet
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Audio

Type:	HD Audio (8-channel)
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Audio Codec:	Realtek ALC892
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Compliant Standards:	High Definition Audio
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