

MSI A520M PRO motherboard AMD A520 Socket AM4 micro ATX

Gamintojas: **MSI** · Modelis: **7D14-005R** · EAN: **4719072755492** · Prekės kodas: **586133**



73,89 €

Kaina su PVM

Be PVM: **61,07 €**

Sandėlyje

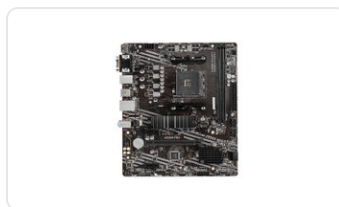
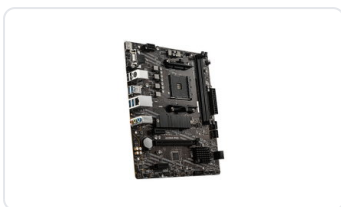
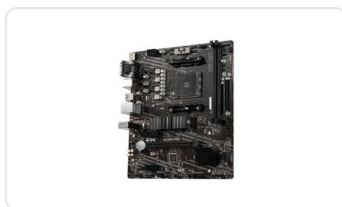


Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Support 3rd Gen AMD Ryzen™ Desktop Processors and AMD Ryzen™ 4000 G-Series Desktop Processors
- ✓ Supports DDR4 Memory, up to 4600(O.C) MHz
- ✓ Turbo M.2: Running at PCI-E Gen3 x4 maximizes performance for NVMe based SSDs
- ✓ M.2 Shield Frozr: Strengthened built-in M.2 thermal solution. Keeps M.2 SSDs safe while preventing throttling, making them run faster
- ✓ Core Boost: With premium layout and digital power design to support more cores and provide better performance
- ✓ DDR4 Boost: Advanced technology to deliver pure data signals for the best performance and stability
- ✓ 2oz Thickened Copper PCB: An enhanced PCB design improves heat dissipation and performance reliability
- ✓ Audio Boost: Reward your ears with studio grade sound quality
- ✓ Dragon Center: A brand new software which integrates all MSI exclusive tools with user friendly user interface



Aprašymas

PRO series helps users work smarter by delivering an efficient and productive experience. Featuring stable functionality and high-quality assembly, PRO series motherboards provide not only optimized professional workflows but also less troubleshooting and longevity.

M.2 SHIELD FROZR

World's fastest SSDs can start to lower performance when getting hot. Part of the motherboards heatsink design, M.2 SHIELD FROZR is the next generation M.2 thermal solution to avoid this by offering the best thermal protection to make sure that SSD maintains maximum performance.

FULLY CONTROLLABLE IN BIOS AND SOFTWARE

MSI motherboards let you manage speeds and temperatures for all your system and CPU fans. Total Fan Control allows you check your primary system characteristics in a simplified graphical interface. You can also set up to 4 temperature targets for CPU and motherboard, which will adjust the fan speeds automatically.

EZ DEBUG LED

Run into trouble? Onboard LEDs for key components will indicate the source of the problem so you know exactly where to look to get up and running again.

ULTIMATE MOTHERBOARD PROTECTION

Double ESD protection doubles up the grounding layer around the mounting holes, preventing static discharge surges from damaging the motherboard.

FAST AND FUTURE-READY STORAGE

MSI PRO series motherboards support all the latest storage standards, which allows users to connect any ultra-fast storage device. Higher efficiency makes your work easier.

USB 3.2 GEN 1

Transfer lots of data, music and movies over USB easier. USB 3.2 ports are ready in both front and rear IO, provides wide variety of options to connect your USB 3.2 devices.

MYSTIC LIGHT SYNC

EXTEND YOUR RGB EXPERIENCE WITH EASE

Add your color if you want! Mystic Light Extension pin header provides an intuitive way to control additional RGB strips and other RGB peripherals added to a system, without needing a separate RGB controller.

JRAINBOW

Connects 3-pin 5V Addressable LED strip

JRGB

Connects 4-pin 12V RGB LED strip

PCB WITH 2OZ THICKENED COPPER

An enhanced PCB design with 2oz thickened copper increases conductivity, improving heat dissipation and performance reliability especially during overclocking.

A HUGE STEP OF DDR PERFORMANCE

MSI OC LAB does not merely work hard on extreme overclocking. Compared to A320 motherboard memory A-XMP profile, MSI does have great improvement on performance and efficiency for A520 motherboards. Easy to enable A-XMP profile with auto power settings to get the best memory speed and stability.

CORE BOOST

Core Boost technology combines MSI's premium layout and optimized power design which allows for faster and undistorted current delivery to the CPU at pin-point precision. Not only supporting multi-core CPU, also creating the perfect conditions for your CPU overclocking.

Techninė specifikacija

Specifications

Sandėlio grupė

Mainboards - AMD [+0][-0]

Processor

Processor manufacturer	AMD
Processor socket	Socket AM4
Compatible processor series	AMD Ryzen 3000 Series
Maximum number of SMP processors	1

Memory

Supported memory types	DDR4-SDRAM
Number of memory slots	2
Maximum internal memory	64 GB
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	1866,2133,2400,2667,2800,2933,3000,3066,3200,3466,3600,3733,3866,4000,4133,4266,4400,4466 MHz
Unbuffered memory	No

Storage controllers

Supported storage drive interfaces	PCI Express 3.0, SATA
Supported storage drive types	HDD & SSD
Number of storage drives supported	5
RAID levels	0, 1, 10

Graphics

Maximum resolution	4096 x 2160 pixels
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Internal I/O

USB 2.0 connectors	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors	0
Number of SATA III connectors	4
Number of SATA II connectors	0
Total number of SATA connectors	4
Number of Parallel ATA connectors	0
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of chassis fan connectors	1

Chassis intrusion connector	Yes
Rear panel I/O ports	
USB 2.0 ports quantity	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	0
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	0
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	0
Ethernet LAN (RJ-45) ports	1
VGA (D-Sub) ports quantity	1
HDMI ports quantity	1
DVI-D ports quantity	0
eSATA ports quantity	0
PS/2 ports quantity	1
DisplayPorts quantity	1
Microphone in	Yes
Network	
Wi-Fi	No
Ethernet LAN	Yes
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek 8111H
Top Wi-Fi standard	Not available
Features	
Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	AMD
Motherboard chipset	AMD A520
Audio output channels	7.1 channels
Audio chip	Realtek ALC892
Power source type	ATX
Number of mounting holes	6
Expansion slots	
PCI Express x1 (Gen 3.x) slots	2
PCI Express x16 slots	1
Number of M.2 (M) slots	1

Logistics data	
Harmonized System (HS) code	84733020
Weight & dimensions	
Width	244 mm
Depth	210 mm
Height	65 mm
Other features	
Weight	698 g
Matmenys ir svoris	
Matmenys (I × P × A)	26,00cm × 6,00cm × 26,00cm
Svoris	0,78kg