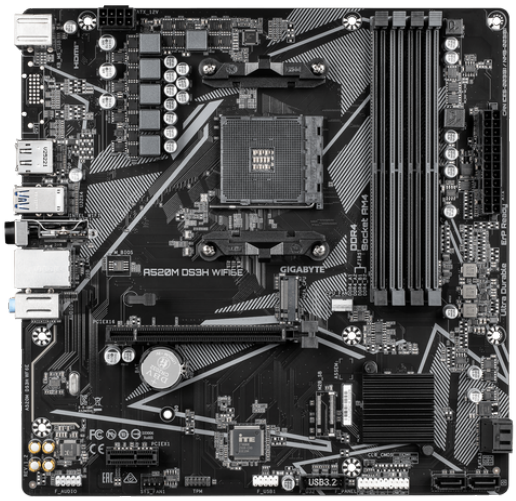
GIGABYTE A520M DS3H WIFI6E (Rev. 1.2) AMD A520 Socket AM4 micro ATX

Gamintojas: **GIGABYTE** · Modelis: **A520M DS3H WF6E 1.2** · Prekės kodas: **978128**



91.90€

Kaina su PVM

Be PVM: **75.95€**

In Stock

Prekė internetu
Nuskenuokite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Supports AMD Ryzen™ 5000 Series/ Ryzen™ 5000 G-Series/ Ryzen™ 4000 G-Series and Ryzen™ 3000 and Ryzen™ 3000 G-Series Processors
- ✓ Dual Channel ECC/ Non-ECC Unbuffered DDR4, 4 DIMMs
- ✓ Ultra Durable™ PCIe 3.0 x16 Slot
- ✓ NVMe PCIe 3.0 x4 M.2 Connectors
- ✓ High Quality Audio Capacitors and Audio Noise Guard for Ultimate Audio Quality
- ✓ Fast Networks: GbE LAN & Wi-Fi 6E 802.11ax
- ✓ WIFI EZ-Plug: Quick and easy design for Wi-Fi antenna installation
- ✓ Rear DisplayPort and HDMI for Multi-display Support
- ✓ Smart Fan 6: Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
- ✓ Anti-Sulfur Resistors Design







Aprašymas

PERFORMANCE

GIGABYTE UD series motherboards use pure digital PWM + Low RDS(on) MOSFETs design to support the 3rd Gen AMD Ryzen™ CPUs by offering incredible precision in delivering power to the motherboard's most power-hungry and energy-sensitive components as well as delivering enhanced

system performance and ultimate hardware scalability.

CONNECTIVITY

NVMe PCIe Gen3 x4 M.2 Connector

GIGABYTE Motherboards are focused on delivering M.2 technology to enthusiasts who want to maximize their system’s potential.

GbE LAN

Gigabit Ethernet (GbE) LAN provides significantly faster data transfer speeds of up to 1 Gbps, which is ten times faster than traditional 100 Mbps Fast Ethernet, enabling smoother streaming, faster file transfers, and more responsive network applications.

HDMI 2.1 for 4K / 60P / 21:9 / HDCP 2.3 Support

HDMI 2.1, which is backwards compatible with HDMI 2.0/ 1.4 and offering 48 Gb/s of bandwidth – twice times more than previous generation. This unlocks the potential for users to transfer multiple video streams, as well as a native cinematic 21:9 ratio (which most movies are shot in), Full HDR and HDCP 2.3 support, to offer the best visual experience for viewers.

The Industry's Leading LAN Static-Electricity & Surge Protection

GIGABYTE motherboards use ICs with up to 3 times the ESD resistance levels compared to traditional ICs. This helps to better protect the motherboard and its components against potential damage caused by static electricity. GIGABYTE motherboards also feature special anti-surge ICs that protect your motherboard, and your PC from any surge in power delivery that may occur, helping to ensure that your PC is equipped to deal with any potentially irregular and inconsistent power delivery.

COOLING

Smart Fan 6

Smart Fan 6 contains several unique cooling features that ensure gaming PC maintain its performance while staying cool and quiet. Multiple fan headers can support PWM/DC fan and pump, and users can easily define each fan curve based on different temperature sensors across the board via intuitive user interface.

- High Current Support: Each fan headers support PWM and DC fan and Water Cooling Pump , and up to 24W (12V x 2A) with Over-Current Protection.
- Precision Control: Multiple temperature/fan speed control points for precise fan curve.
- Dual Curve Mode: Slope/Stair dual mode for different user scenario.
- Fan Stop: Fan can stop completely below users' specified temperature point.

Smart Fan 6 BIOS UI

1. Improve fan curve UI: We increase control points from 5 to 7 and larger fan speed graph for precise and easier fan curve control.
2. Slope/Stair dual graph mode: Fan curve can be quickly switch with Slope and Stair modes for different user scenario. Slope is traditional and intuitive linear fan speed curve. With newly added Stair non-linear mode, fan keeps at same speed between specified temperature interval.
3. Manual Input: For advanced users, we provide fan speed manual input for more precise control.
4. EZ Tuning: Use can place 4 EZ Tuning points at rough temperature/fan speed, and Smart Fan 6 can quickly generate a fan curve.
5. Fan curve profile: Fan curve profile can be saved in BIOS ROM, profile will be kept after updating BIOS.

AUDIO

High-End Audio Capacitors

GIGABYTE motherboards use high-end audio capacitors. These high quality capacitors help deliver high resolution and high fidelity audio to provide the most realistic sound effects for gamers.

Audio Noise Guard

GIGABYTE motherboards feature an audio noise guard that essentially separates the board’s sensitive analog audio components from potential noise pollution at the PCB level.

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ULTRA DURABLE

Solid Pin Power Connectors

GIGABYTE motherboards feature solid plated ATX 12V 8pin power connectors for offering stable power supply while CPU overloading.

Solid Pin Power connector advantages

- Larger contact area for electricity
- More metal quantity to sustain higher power and generated heat
- Ultra durable and longer lifespan

START SULFURIZATION PROTECTION

Sulfur compounds in the air can penetrate tiny onboard resistors creating chemical change and causing these resistors to open or short. If either of these occurs the motherboard will fail to function. By equipping resistors with an Anti-Sulfur Design GIGABYTE gives Ultra Durable Motherboards a whole new meaning.

The Industry's Leading Surge Protection

GIGABYTE motherboards also feature special anti-surge IC that protect your motherboard, helping to ensure that your PC is equipped to deal with any potentially irregular electrical spikes.

Humidity Protection Glass Fabric PCB

There is nothing more harmful to the longevity of your PC than moisture, and most parts of the world experience moisture in the air as humidity at some point during the year. GIGABYTE motherboards have been designed to make sure that humidity is never an issue, incorporating a new Glass Fabric PCB technology that repels moisture caused by humid and damp conditions. Glass Fabric PCB technology uses a new PCB material which reduces the amount of space between the fiber weave, making it much more difficult for moisture to penetrate compared to traditional motherboard PCBs. This offers much better protection from short circuit and system malfunction caused by humid and damp conditions.

High Temperature Protection Lower RDS(on) MOSFETs Design

GIGABYTE motherboards use Low RDS(on) MOSFETs which reduce energy wastage through unnecessary residual heat dissipation. This all amounts to tangible energy savings which are beneficial for both end-users and the environment without impacting system performance.

GIGABYTE EXCELLENCE

GIGABYTE BIOS & Applications

Refreshed BIOS

The BIOS is essential for users during initial setup to allow for the most optimal settings. With a new GUI and easier to use functionalities, GIGABYTE has been able to reinvent the BIOS to give users a better experience while setting up their new system.

APP CENTER

GIGABYTE APP CENTER is an useful portal of all GIGABYTE MB utilities and drivers, you can choose any utility you want to install from APP CENTER and keep you updated with latest utilities and drivers version.

EasyTune™

GIGABYTE's EasyTune™ is a simple and easy-to-use interface that allows users to fine-tune their system settings or adjust system and memory clocks and voltages in a Windows environment. With Smart Quick Boost, one click is all it takes to automatically overclock your system, giving an added performance boost when you need it the most.

@BIOS

The GIGABYTE @BIOS app allows you to update your system’s BIOS from within Windows using a simple and slick graphical user interface. @BIOS can automatically download the latest version from the GIGABYTE servers or you can update your BIOS from a file on your computer. @BIOS also allows you to save your current BIOS to a file, recover your previous BIOS from an image and backup your BIOS to an image.

System Information Viewer

GIGABYTE System Information Viewer is a central location that gives you access to your current system status. Monitor components such as the clocks and processor, set your preferred fan speed profile, create alerts when temperatures get too high or record your system's behavior; these are the possibilities of the System Information Viewer.

Techninė specifikacija

Processor	
Processor manufacturer	AMD
Processor socket	Socket AM4
Compatible processor series	AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series
Supported processor sockets	Socket AM4
Memory	
Supported memory types	DDR4-SDRAM
Number of memory slots	4
Maximum internal memory	128 GB
Memory slots type	DIMM
Memory slot pin count	288
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	4733,4600,4400,4266,4133,4000,3866,3733,3600,3466,3400,3200,2933,2667,2400,2133 MHz
Supported memory clock speed (max)	4733 MHz
Unbuffered memory	Yes
Maximum internal memory per slot	32 GB
Storage controllers	
Supported storage drive interfaces	SATA III, PCI Express 3.0
Supported storage drive types	HDD & SSD
Number of storage drives supported	5
RAID support	Yes
RAID levels	0, 1, 10
Graphics	
Parallel processing technology support	Not supported

Maximum resolution	5120 x 2880 pixels
HDCP	Yes
HDCP version	2.3
High Dynamic Range (HDR) supported	Yes
Internal I/O	
USB 2.0 connectors	1
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
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of CPU fan connectors	1
EPS power connector (8-pin)	Yes
Number of EPS power connectors (8-pin)	1
TPM connector	Yes
12V power connector	Yes
Rear panel I/O ports	
USB 2.0 ports quantity	4
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	0
HDMI ports quantity	1
DVI-D ports quantity	0
PS/2 ports quantity	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	3
Microphone in	Yes
WiFi-AP antenna jack	2

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

USB connector type	USB Type-A
Network	
Wi-Fi	Yes
Ethernet LAN	Yes
Ethernet interface type	Fast Ethernet, Gigabit Ethernet
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
WLAN controller model	MediaTek MT7902
Bluetooth	Yes
Bluetooth version	5.3
Features	
Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	AMD
Motherboard chipset	AMD A520
Audio output channels	7.1 channels
Product colour	Black
PC health monitoring	Voltage, Fan, Temperature
Windows operating systems supported	Windows 11 x64, Windows 10 x64
Expansion slots	
PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 3.x) slots	1
Number of M.2 (M) slots	1
1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	3
BIOS	
BIOS type	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5
Clear CMOS jumper	Yes
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7
Weight & dimensions	
Width	244 mm

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Depth	244 mm
Packaging content	
Cables included	SATA
Antenna included	Yes
Bundled software	Norton Internet Security

Dokumentai ir vaizdo įrašai

› User manual

Gamintojo ir saugos informacija

MANUFACTURER

GIGA-BYTE TECHNOLOGY CO., LTD.
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