GIGABYTE

GIGABYTE A520M DS3H AC emaplaat AMD A520 Pesa AM4 Mikro ATX

Brand : GIGABYTE

Product code: A520M DS3H AC

Product name : A520M DS3H AC

GIGABYTE A520M DS3H AC. Protsessori tootja: AMD, Protsessori pesa: Pesa AM4, Ühilduvad protsessoriseeriad: AMD Ryzen 3000 Series, AMD Ryzen Threadripper 3000 Series, AMD Ryzen Threadripper PRO 3000 WX-Series. Toetatud mälutüübid: DDR4-SDRAM, Maksimaalne sisemälu: 128 GB, Mälupesa tüüp: DIMM. Kõvaketta ühenduse tüüp: M.2, SATA III, Toetatud ketaste tüübid: HDD & SSD, RAID-tasemed: 0, 1, 10. Maksimaalne resolutsioon: 5120 x 2880 pikslit. Ethernet-liidese tüüp: Gigabit Ethernet, Wi-Fi standard: Wi-Fi 5 (802.11ac), WiFi-standardid: 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)

Processor

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen Threadripper 3000 Series, AMD Ryzen Threadripper PRO 3000 WX-Series
Maximum number of SMP processors	1
Supported processor sockets	Socket AM4

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	2133,2400,2667,2933,3200,3300,3333,3400,3466,3600,3733,3800,3866,4000,4400,4733 MHz
Supported memory clock speed (max)	4733 MHz
Maximum internal memory *	128 GB
Unbuffered memory	✔
Maximum internal memory per slot	32 GB

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	4
Number of storage drives supported	5
RAID support	✔
RAID levels	0, 1, 10

Graphics

Parallel processing technology support *	Not supported
Maximum resolution	5120 x 2880 pixels
HDCP	✔
Discrete graphics support	✔
Number of displays supported	3

Rear panel I/O ports

DVI-D ports quantity *	1
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone outputs	1
Line-in	✔
Microphone in	✔
WiFi-AP antenna jack	2

Network

Ethernet LAN	✔
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
WLAN controller model	Intel Dual Band Wireless-AC 3168
Bluetooth	✔
Bluetooth version	4.2

Features

Motherboard chipset *	AMD A520
Audio output channels *	7.1 channels
PC health monitoring	Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11

Expansion slots

PCI Express x1 (Gen 3.x) slots	2

Internal I/O	
USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Number of SATA III connectors *	4
Total number of SATA connectors	4
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	1
Number of chassis fan connectors	2
EPS power connector (8-pin)	✔
Number of EPS power connectors (8-pin)	1
TPM connector	✔
Serial port headers	1
12V power connector	✔
RGB LED pin header	✔
Number of RGB LED pin headers	2

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
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
HDMI ports quantity *	1
HDMI version	2.1

Expansion slots	
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	3.0

BIOS	
BIOS type *	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.0
Clear CMOS jumper	✔
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Logistics data	
Products per shipping (inner) case	1 pc(s)

Battery	
Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Battery type	CR2032

Packaging data	
Package width	270 mm
Package depth	268 mm
Package height	68 mm
Package weight	1.21 kg

Weight & dimensions	
Width	244 mm
Depth	244 mm
Height	35 mm

Packaging content	
Batteries included	✔
Antenna included	✔
Screws included	✔

Other features	
Weight	720 g

Technical details	
Warranty period	3 year(s)

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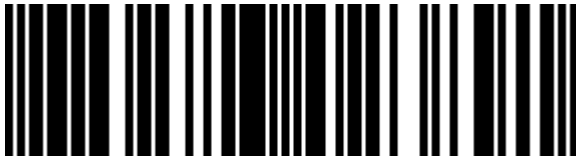

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