

GIGABYTE A520M DS3H WIFI6E Motherboard - Supports AMD Ryzen 5000 Series AM4 CPUs, up to 4733MHz DDR4 (OC), 1xPCIe 3.0 M.2, WIFI 6E, GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: A520M DS3H WF6E

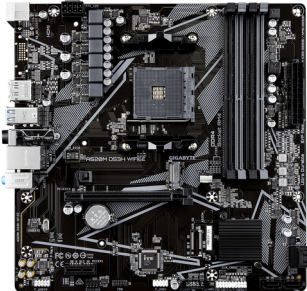
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.



Processor		Network	
Processor manufacturer *	AMD	Ethernet interface type	Gigabit Ethernet, Fast Ethernet
Processor socket *	Socket AM4	LAN controller	Realtek RTL8111H
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen 5000 Series, AMD Ryzen 4000 Series	Wi-Fi *	✓
		Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported processor sockets	Socket AM4	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)
Memory		WLAN controller model	MediaTek MT7902
Supported memory types *	DDR4-SDRAM	Bluetooth	✓
Number of memory slots *	4	Bluetooth version	5.3
Memory slots type	DIMM	Features	
Memory channels	Dual-channel	Motherboard chipset *	AMD A520
ECC compatibility	ECC & Non-ECC	Audio chip	Realtek ALC897
Supported memory clock speeds MHz	2133,2400,2667,2933,3200,3600,4000,4400,4733,3400,3466,3733,3866,4133,4266,4600	Audio output channels *	7.1 channels
Supported memory clock speed (max)	4733 MHz	Product colour	Dark brown
Maximum internal memory *	128 GB	PC health monitoring	Temperature, Voltage, Fan
Unbuffered memory	✓	Component for *	PC
Maximum internal memory per slot	32 GB	Motherboard form factor *	micro ATX
Storage controllers		Motherboard chipset family *	AMD
Supported storage drive types	HDD & SSD	Cooling type	Passive
Supported storage drive interfaces *	M.2, SATA III	Power source type	ATX
Number of HDDs supported	4	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of storage drives supported	5	Expansion slots	
RAID support	✓	PCI Express x1 (Gen 3.x) slots	1
RAID levels	0, 1, 10	PCI Express x16 (Gen 3.x) slots	1
Graphics		Number of M.2 (M) slots	1
Parallel processing technology support *	Not supported	1st M.2 largest key size	2280
Maximum resolution	5120 x 2880 pixels		
HDCP	✓		
HDCP version	2.3		
DirectX version	12.0		

Internal I/O		Expansion slots	
USB 2.0 connectors *	1	1st M.2 highest PCI Express generation	3.0
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS	
Number of SATA III connectors *	4	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	128 Mbit
Front panel connector	✓	ACPI version	5.0
ATX Power connector (24-pin)	✓	Clear CMOS jumper	✓
CPU fan connector	✓	Desktop Management Interface (DMI) version	2.7
Number of CPU fan connectors	1	System Management BIOS (SMBIOS) version	2.7
Number of chassis fan connectors	1	Logistics data	
EPS power connector (8-pin)	✓	Country of origin	China
Number of EPS power connectors (8-pin)	1	Products per shipping (inner) case	1 pc(s)
TPM connector	✓	Battery	
12V power connector	✓	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	4	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery capacity	220 mAh
Ethernet LAN (RJ-45) ports *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
PS/2 ports quantity	1	Battery type	CR2032
HDMI ports quantity *	1	Packaging data	
HDMI version	2.1	Package width	270 mm
DisplayPorts quantity	1	Package depth	268 mm
DisplayPort version	1.4	Package height	68 mm
Headphone outputs	1	Package weight	972 g
Line-in	✓	Weight & dimensions	
Microphone in	✓	Width	244 mm
WiFi-AP antenna jack	2	Depth	244 mm
Network		Height	35 mm
Ethernet LAN	✓	Packaging content	
		Batteries included	✓
		Antenna included	✓
		Screws included	✓
		Drivers included	✓
		Bundled software	Norton® Internet Security (OEM version)
		Other features	
		Weight	880 g
		Technical details	
		Warranty period	3 year(s)



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