

GIGABYTE A520M DS3H AC Motherboard - AMD Ryzen 5000 Series CPUs, 5+3 Phases VRM, up to 4733MHz DDR5 (OC), 1xPCIe 3.0 M.2, GbE LAN, WIFI 5, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: A520M DS3H AC

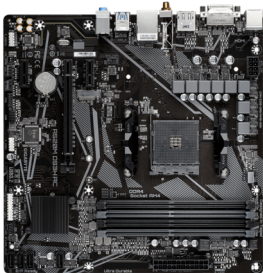
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Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	DVI-D ports quantity *	1
Processor socket *	Socket AM4	DisplayPorts quantity	1
Compatible processor series *	AMD Ryzen 3000 Series, AMD Ryzen Threadripper 3000 Series, AMD Ryzen Threadripper PRO 3000 WX-Series	DisplayPort version	1.4
		Headphone outputs	1
Maximum number of SMP processors	1	Line-in	✓
Supported processor sockets	Socket AM4	Microphone in	✓
Memory		WiFi-AP antenna jack	2
		Network	
Supported memory types *	DDR4-SDRAM	Ethernet LAN	✓
Number of memory slots *	4	Ethernet interface type	Gigabit Ethernet
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
ECC compatibility	ECC & Non-ECC	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Supported memory clock speeds MHz	2133,2400,2667,2933,3200,3300,3333,3400,3466,3600,3733,3800,3866,4000,4400,4733	WLAN controller model	Intel Dual Band Wireless-AC 3168
Supported memory clock speed (max)	4733 MHz	Bluetooth	✓
Maximum internal memory *	128 GB	Bluetooth version	4.2
Unbuffered memory	✓	Features	
Maximum internal memory per slot	32 GB	Motherboard chipset *	AMD A520
Storage controllers		Audio output channels *	7.1 channels
Supported storage drive types	HDD & SSD	PC health monitoring	Fan, Temperature, Voltage
Supported storage drive interfaces *	M.2, SATA III	Component for *	PC
Number of HDDs supported	4	Motherboard form factor *	micro ATX
Number of storage drives supported	5	Motherboard chipset family *	AMD
RAID support	✓	Power source type	ATX
RAID levels	0, 1, 10	Windows operating systems supported	Windows 10 x64, Windows 11
Graphics		Expansion slots	
Parallel processing technology support *	Not supported	PCI Express x1 (Gen 3.x) slots	2
Maximum resolution	5120 x 2880 pixels		
HDCP	✓		
Discrete graphics support	✓		
Number of displays supported	3		

Internal I/O		Expansion slots	
USB 2.0 connectors *	1	PCI Express x16 (Gen 3.x) slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Number of M.2 (M) slots	1
Number of SATA III connectors *	4	1st M.2 largest key size	2280
Total number of SATA connectors	4	1st M.2 highest PCI Express generation	3.0
Front panel audio connector	✓	BIOS	
Front panel connector	✓	BIOS type *	UEFI AMI
ATX Power connector (24-pin)	✓	BIOS memory size	128 Mbit
CPU fan connector	✓	ACPI version	5.0
Number of CPU fan connectors	1	Clear CMOS jumper	✓
Number of chassis fan connectors	2	Desktop Management Interface (DMI) version	2.7
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Number of EPS power connectors (8-pin)	1	Logistics data	
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
Serial port headers	1	Battery	
12V power connector	✓	Battery weight	3 g
RGB LED pin header	✓	Lithium weight per battery	0.07 g
Number of RGB LED pin headers	2	Number of battery cells	1
Rear panel I/O ports		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 2.0 ports quantity *	2	Battery type	CR2032
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Packaging data	
Ethernet LAN (RJ-45) ports *	1	Package width	270 mm
PS/2 ports quantity	1	Package depth	268 mm
HDMI ports quantity *	1	Package height	68 mm
HDMI version	2.1	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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