

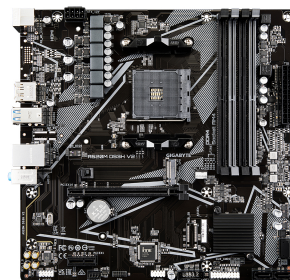
Gigabyte A520M DS3H V2 (rev. 1.0) Socket AM4 micro ATX

Brand : Gigabyte

Product code: A520M DS3H V2

Product name : A520M DS3H V2 (rev. 1.0)

- Supports AMD Ryzen™ 5000 Series/ Ryzen™ 5000 G-Series/ Ryzen™ 4000 G-Series and Ryzen™ 3000 Series Processors
 - Dual Channel ECC/ Non-ECC Unbuffered DDR4, 4 DIMMs
 - Ultra Durable™ PCIe 3.0 x16 Slot
 - NVMe PCIe 3.0 M.2 Connectors
 - High Quality Audio Capacitors and Audio Noise Guard for Ultimate Audio Quality
 - GbE LAN with Bandwidth Management
 - Rear DisplayPort and HDMI for Multi-display Support
 - Smart Fan 5 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
 - Anti-Sulfur Resistors Design
- Socket AM4, AMD A520, 4 x DDR4, 1 x DisplayPort, 1 x HDMI port, 1 x RJ-45, Micro ATX



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 2.0 ports quantity *	2
Processor socket *	Socket AM4	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Compatible processor series *	3rd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen 5, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9, 3rd Gen AMD Ryzen™ Threadripper™, AMD Ryzen Threadripper Pro 3rd Gen	Ethernet LAN (RJ-45) ports *	1
Maximum number of SMP processors	1	PS/2 ports quantity	1
Supported processor sockets	Socket AM4	HDMI ports quantity *	1
Maximum internal memory supported by processor	128 GB	HDMI version	2.1
Memory		DVI-D ports quantity *	1
Supported memory types *	DDR4-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	2.0
Memory slots type	DIMM	Headphone outputs	1
Memory channels	Dual-channel	Microphone in	✓
ECC	✓	Digital audio optical out	1
Non-ECC	✓	USB connector type	USB Type-A
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4400,4733 MHz	Network	
Maximum internal memory *	128 GB	Ethernet LAN	✓
Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 16GB, 32GB	Ethernet interface type	Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✗
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Audio chip	Realtek ALC887
Supported storage drive interfaces *	M.2, SATA III	Audio output channels *	7.1 channels
Number of HDDs supported	4	PC health monitoring	CPU, LED, Power supply, Temperature, Voltage
Number of storage drives supported	5	Component for *	PC
RAID support	✓	Motherboard form factor *	micro ATX
RAID levels	0, 1, 10	Motherboard chipset family *	AMD
Graphics		Cooling type	Active
Maximum resolution	5120 x 2880 pixels	Power source type	ATX
HDCP	✓	Windows operating systems supported	Windows 10 x64
		Expansion slots	
		PCI Express x1 (Gen 3.x) slots	2

Graphics		Expansion slots	
Discrete graphics support	✓	PCI Express x16 (Gen 3.x) slots	1
Number of displays supported	3	Number of M.2 (M) slots	1
Internal I/O		BIOS	
USB 2.0 connectors *	1	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS memory size	128 Mbit
Number of SATA III connectors *	4	ACPI version	5.0
Total number of SATA connectors	4	Clear CMOS jumper	✓
Front panel audio connector	✓	Clear CMOS button	✓
Front panel connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Number of EATX power connectors	1	Weight & dimensions	
Power fan connector	✓	Width	244 mm
CPU fan connector	✓	Depth	244 mm
TPM connector	✓	Packaging content	
Serial port headers	1	Cables included	SATA
12V power connector	✓	Drivers included	✓
		Bundled software	Norton Internet Security (OEM version) Realtek 8118 Gaming LAN Bandwidth Control Utility

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Publication date: 25-OCT-2023. Prints or copies of Information are only valid on the printed Publication date