

## Gigabyte A520M S2H motherboard Socket AM4 micro ATX

**Brand :** Gigabyte

**Product code:** A520M S2H

**Product name :** A520M S2H



- Supports 3rd Gen AMD Ryzen™ Processors
  - Dual Channel ECC/ Non-ECC Unbuffered DDR4, 2 DIMMs
  - 4+3 Phases Pure Digital VRM Solution with Low RDS(on) MOSFETS
  - Ultra-Fast NVMe PCIe 3.0 x4 M.2 Connector
  - GIGABYTE Exclusive 8118 Gaming LAN with Bandwidth Management
  - HDMI, DVI-D, D-sub Ports for Multiple Display
  - RGB FUSION 2.0 Supports Addressable LED & RGB LED Strips
  - Smart Fan 5 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
  - Q-Flash Plus Update BIOS without Installing the CPU, Memory and Graphics Card
  - Anti-Sulfur Resistors Design
- AMD AM4, 64GB DDR4-SDRAM DIMM, M.2,PCI Express 3.0,Serial ATA, RAID 0,1,10, UEFI AMI BIOS

Processor		Internal I/O	
Processor manufacturer *	AMD	CPU fan connector	✓
Processor socket *	Socket AM4	Number of chassis fan connectors	2
Compatible processor series *	3rd Generation AMD Ryzen™ 3	RGB LED pin header	✓
Memory		Rear panel I/O ports	
Supported memory types *	DDR4-SDRAM	USB 2.0 ports quantity *	2
Number of memory slots *	2	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Memory slots type	DIMM	Ethernet LAN (RJ-45) ports *	1
Memory channels	Dual-channel	PS/2 ports quantity	1
ECC	✓	VGA (D-Sub) ports quantity *	1
Non-ECC	✓	HDMI ports quantity *	1
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,4866,5000 MHz	DVI-D ports quantity *	1
Maximum internal memory *	64 GB	Network	
		Ethernet LAN	✓
Storage controllers		Features	
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA	Audio output channels *	7.1 channels
RAID levels	0, 1, 10	Component for *	PC
Graphics		Motherboard form factor *	micro ATX
HDCP	✓	Motherboard chipset family *	AMD
		Harmonized System (HS) code	84733020
Internal I/O		BIOS	
USB 2.0 connectors *	2	BIOS type *	UEFI AMI
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS memory size	128 Mbit
Total number of SATA connectors	3	Weight & dimensions	
ATX Power connector (24-pin)	✓	Width	244 mm
Power fan connector	✓	Depth	205 mm



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