GIGABYTE

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

Processor manufacturer *	AMD
Processor socket *	Socket AM4
Compatible processor series *	3rd Generation AMD Ryzen™ 3

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC	✓
Non-ECC	✓
Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4400,4600,4866,5000 MHz
Maximum internal memory *	64 GB

Storage controllers

Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA
RAID levels	0, 1, 10

Graphics

HDCP	✓

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
Total number of SATA connectors	3
ATX Power connector (24-pin)	✓
Power fan connector	✓

Internal I/O

CPU fan connector	✓
Number of chassis fan connectors	2
RGB LED pin header	✓

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
VGA (D-Sub) ports quantity *	1
HDMI ports quantity *	1
DVI-D ports quantity *	1

Network

Ethernet LAN	✓

Features

Audio output channels *	7.1 channels
Component for *	PC
Motherboard form factor *	micro ATX
Motherboard chipset family *	AMD
Harmonized System (HS) code	84733020

BIOS

BIOS type *	UEFI AMI
BIOS memory size	128 Mbit

Weight & dimensions

Width	244 mm
Depth	205 mm

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