

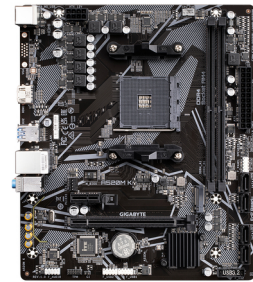
Gigabyte A520M K (rev. 1.0) AMD A520 Socket AM4 micro ATX

Brand : Gigabyte

Product code: A520M K

Product name : A520M K (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, 2 DIMMs
 - PCIe Gen3 x4 M.2 with PCIe NVMe & SATA mode support
 - GbE LAN with Bandwidth Management
 - 8-Channel HD Audio with High Quality Audio Capacitors
 - Smart Fan 5 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
 - GIGABYTE APP Center, Simple and Easy Use
- AMD A520, Socket AM4, 2 x DDR4, 1 x HDMI port, 4 x SATA 6Gb/s, Micro ATX, 23.3cm x 19.8cm



Processor		Rear panel I/O ports		
Processor manufacturer *	AMD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	
Processor socket *	Socket AM4	Ethernet LAN (RJ-45) ports *	1	
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	PS/2 ports quantity	1	
		HDMI ports quantity *	1	
Supported processor sockets	Socket AM4	HDMI version	2.1	
Maximum internal memory supported by processor	64 GB	DVI-D ports quantity *	1	
Memory	Supported memory types *	DDR4-SDRAM	Headphone outputs	1
	Number of memory slots *	2	Microphone in	✓
	Memory slots type	DIMM	Digital audio optical out	1
	Memory channels	Dual-channel	Serial ports quantity	1
	ECC	✓	USB connector type	USB Type-A
	Non-ECC	✓	Network	
	Supported memory clock speeds	2133,2400,2667,2933,3200,3333,3600,4000,4600,4866,5000 MHz	Ethernet LAN	✓
	Maximum internal memory *	64 GB	Ethernet interface type	Gigabit Ethernet
	Supported memory module capacities	1GB, 2GB, 4GB, 8GB, 16GB, 32GB	Wi-Fi *	✗
	Unbuffered memory	✓	Features	
Storage controllers		Motherboard chipset *	AMD A520	
Supported storage drive types	HDD & SSD	Audio chip	Realtek ALC887	
Supported storage drive interfaces *	M.2, PCI Express 3.0, SATA III	Audio output channels *	7.1 channels	
RAID levels	0, 1, 10	PC health monitoring	CPU, Fan, LED, Power supply, Temperature, Voltage	
Graphics		Component for *	PC	
Maximum resolution	4096 x 2160 pixels	Motherboard form factor *	micro ATX	
HDCP	✓	Motherboard chipset family *	AMD	
Discrete graphics support	✓	Cooling type	Active	
Number of displays supported	2	Power source type	ATX	
Internal I/O		Windows operating systems supported	Windows 10 x64	
USB 2.0 connectors *	2	Expansion slots		
		PCI Express x1 (Gen 3.x) slots	2	
		PCI Express x16 (Gen 3.x) slots	1	

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Number of M.2 (M) slots	1
Number of SATA III connectors *	4	BIOS	
Total number of SATA 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	✓
Power fan connector	✓	Clear CMOS button	✓
CPU fan connector	✓	Desktop Management Interface (DMI) version	2.7
Chassis intrusion connector	✓	System Management BIOS (SMBIOS) version	2.7
TPM connector	✓	Weight & dimensions	
Serial port headers	1	Width	233 mm
12V power connector	✓	Depth	198 mm
RGB LED pin header	✓	Packaging content	
Rear panel I/O ports		Cables included	SATA
USB 2.0 ports quantity *	2	Drivers included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software



4719331850883

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 10-MAY-2024. Prints or copies of Information are only valid on the printed Publication date