

## Gigabyte GA-A320M-H motherboard AMD A320 Socket AM4 micro ATX

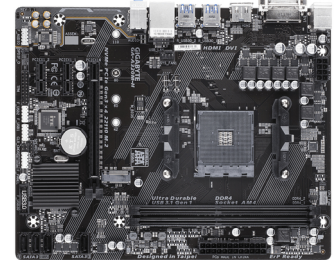
**Brand :** Gigabyte

**Product code:** GA-A320M-H

**Product name :** GA-A320M-H

- Supports AMD Ryzen™ & 7th Generation A-series/ Athlon™ Processors
- Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
- Ultra-Fast PCIe Gen3 x4 M.2 with PCIe NVMe & SATA mode support
- High Quality Audio Capacitors and Audio Noise Guard
- Realtek® Gigabit LAN with cFosSpeed Internet Accelerator Software
- Smart Fan 5 features 5 Temperature Sensors and 2 Hybrid Fan Headers
- GIGABYTE™ UEFI BIOS
- All New GIGABYTE™ APP Center, Simple and Easy Use

GA-A320M-H, AMD A320, AM4, 2x DDR4, DVI-D, HDMI, LAN, PCI Express x16, PCI Express x1, M.2, 4x SATA III, USB 3.1, PS/2, Micro ATX, 244x195 mm



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor socket *	Socket AM4	HDMI version	1.4
Compatible processor series *	AMD A, AMD Athlon, AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, AMD Ryzen™ 5, 2nd Generation AMD Ryzen™ 5, 3rd Generation AMD Ryzen™ 5, AMD Ryzen™ 7, 2nd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9	DVI-D ports quantity *	1
		Microphone in	✓
		<b>Network</b>	
		Ethernet LAN	✓
Maximum number of SMP processors	1	Ethernet interface type	Gigabit Ethernet
<b>Memory</b>		<b>Features</b>	
Supported memory types *	DDR4-SDRAM	Motherboard chipset *	AMD A320
Number of memory slots *	2	Audio chip	Realtek ALC887
Memory slots type	DIMM	Audio output channels *	7.1 channels
Memory channels	Dual-channel	PC health monitoring	Fan, Temperature, Voltage
ECC	✓	Component for *	PC
Non-ECC	✓	Motherboard form factor *	micro ATX
Supported memory clock speeds	2133,2400,2667,2933,3200 MHz	Motherboard chipset family *	AMD
Maximum internal memory *	32 GB	Windows operating systems supported	Windows 10 Education x64, Windows 10 Enterprise x64, Windows 10 Home x64, Windows 10 Pro x64, Windows 7 Enterprise x64, Windows 7 Home Basic x64, Windows 7 Home Premium x64, Windows 7 Professional x64, Windows 7 Starter x64, Windows 7 Ultimate x64, Windows 7 x64
Unbuffered memory	✓	Harmonized System (HS) code	84733020
<b>Storage controllers</b>		<b>Expansion slots</b>	
RAID levels	0, 1, 10	PCI Express x1 (Gen 2.x) slots	1
<b>Graphics</b>		PCI Express x16 (Gen 3.x) slots	1
Maximum graphics card memory	2048 MB	Number of M.2 (M) slots	1
Maximum resolution	4096 x 2160 pixels	<b>BIOS</b>	
<b>Internal I/O</b>		BIOS type *	UEFI AMI
USB 2.0 connectors *	2	BIOS memory size	128 Mbit
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	ACPI version	5.0
Number of SATA III connectors *	4	Clear CMOS jumper	✓
S/PDIF out connector	✓	Plug and Play	✓
Audio connector	✓	Desktop Management Interface (DMI) version	2.7
Front panel audio connector	✓		
Front panel connector	✓		
ATX Power connector (24-pin)	✓		

Internal I/O		BIOS	
CPU fan connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of chassis fan connectors	1	<b>Processor special features</b>	
Chassis intrusion connector	✓	Intel Extreme Memory Profile (XMP)	✓
TPM connector	✓	<b>Weight &amp; dimensions</b>	
12V power connector	✓	Width	244 mm
<b>Rear panel I/O ports</b>		Depth	195 mm
USB 2.0 ports quantity *	2	<b>Packaging content</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Cables included	SATA
Ethernet LAN (RJ-45) ports *	1	Manual	✓
PS/2 ports quantity	2	Drivers included	✓
		Bundled software	Norton Internet Security, cFosSpeed



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