

GIGABYTE GA-A320M-H motherboard AMD A320 Socket AM4 micro ATX

Brand : GIGABYTE

Product code: GA-A320M-H

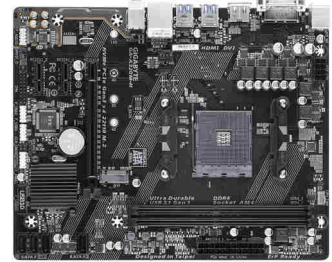
Product name : GA-A320M-H

- 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

GIGABYTE GA-A320M-H. Processor manufacturer: AMD, Processor socket: Socket AM4, Compatible processor series: AMD A, AMD Athlon, AMD Ryzen 2000 Series, AMD Ryzen 3000 Series. Supported memory types: DDR4-SDRAM, Maximum internal memory: 32 GB, Memory slots type: DIMM. RAID levels: 0, 1, 10. Maximum graphics card memory: 2048 MB, Maximum resolution: 4096 x 2160 pixels. Ethernet interface type: Gigabit Ethernet



Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	HDMI version	1.4
Processor socket *	Socket AM4	DVI-D ports quantity *	1
Compatible processor series *	AMD A, AMD Athlon, AMD Ryzen 2000 Series, AMD Ryzen 3000 Series	Microphone in	✓
Maximum number of SMP processors	1	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR4-SDRAM	Ethernet interface type	Gigabit Ethernet
Number of memory slots *	2	Features	
Memory slots type	DIMM	Motherboard chipset *	AMD A320
Memory channels	Dual-channel	Audio chip	Realtek ALC887
ECC compatibility	ECC & Non-ECC	Audio output channels *	7.1 channels
Supported memory clock speeds	2133,2400,2667,2933,3200 MHz	PC health monitoring	Fan, Temperature, Voltage
Maximum internal memory *	32 GB	Component for *	PC
Unbuffered memory	✓	Motherboard form factor *	micro ATX
Storage controllers		Motherboard chipset family *	AMD
RAID levels	0, 1, 10	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
Graphics		Expansion slots	
Maximum graphics card memory	2048 MB	PCI Express x1 (Gen 2.x) slots	1
Maximum resolution	4096 x 2160 pixels	PCI Express x16 (Gen 3.x) slots	1
Internal I/O		Number of M.2 (M) slots	1
USB 2.0 connectors *	2	BIOS	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	BIOS type *	UEFI AMI
Number of SATA III connectors *	4	BIOS memory size	128 Mbit
S/PDIF out connector	✓	ACPI version	5.0
Audio connector	✓	Clear CMOS jumper	✓
Front panel audio connector	✓	Plug and Play	✓
Front panel connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
CPU fan connector	✓		
Number of chassis fan connectors	1		
Chassis intrusion connector	✓		
TPM connector	✓		

Internal I/O		Processor special features	
12V power connector	✓	Intel Extreme Memory Profile (XMP) ✓	
Rear panel I/O ports		Logistics data	
USB 2.0 ports quantity *	2	Harmonized System (HS) code	84733020
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Weight & dimensions	
Ethernet LAN (RJ-45) ports *	1	Width	244 mm
PS/2 ports quantity	2	Depth	195 mm
HDMI ports quantity *	1	Packaging content	
		Cables included	SATA
		Manual	✓
		Drivers included	✓
		Bundled software	Norton Internet Security, cFosSpeed



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