GIGABYTE A620M H AM5 Micro-ATX Motherboard

Sale Price: 11800.0

PRODUCT ID: 02543

Basic Information

Supported CPU	AMD Socket AM5, support for: AMD Ryzen 7000 / Ryzen 8000 / Ryzen 9000 Series Processors
Chipset	AMD A620
BIOS	1 x 256 Mbit flash Use of licensed AMI UEFI BIOS PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
Form Factor	Micro ATX Form Factor; 23.0cm x 22.5cm
Audio	Realtek® Audio CODEC High Definition Audio 2/4/5.1/7.1-channel

Expansion Slots

PCI	1 x PCI Express x16 slot, integrated in the CPU: AMD Ryzen 7000 Series Processors support PCIe 4.0 x16 mode AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x8 mode AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4 mode * The PCIEX16 slot can only support a graphics card or an NVMe SSD. Chipset: 1 x PCI Express x1 slot, supporting PCIe 3.0 and running at x1

Memory

Type	DDR5
Slots	2 x DIMM
Supported Memory	6400(OC)/6200(OC)/6000(OC)/5600(OC)/5200/4800/4400 MT/s memory modules Dual channel memory architecture Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Support for AMD EXtended Profiles for Overclocking (AMD EXPO™) and Extreme Memory Profile (XMP) memory modules
Maximum Memory	supporting up to 96 GB (48 GB single DIMM capacity) of system memory

Basic Information

Graphics

Graphics	supporting a maximum resolution of 3840x2160@144 Hz * Support for DisplayPort 1.4 version. supporting a maximum resolution of 4096x2160@60 Hz * Support for HDMI 2.1 version and HDCP 2.3. ** Support for native HDMI 2.1 TMDS compatible ports.

Connector & Ports

HDMI	1 x HDMI
Display Port (s)	1 x DisplayPort
USB (s)	CPU: 2 x USB 3.2 Gen 1 ports on the back panel 1 x USB 2.0/1.1 port on the back panel Chipset: 2 x USB 3.2 Gen 1 ports available through the internal USB header 7 x USB 2.0/1.1 ports (3 ports on the back panel, 4 ports available through the internal USB headers)
LAN Port (s)	Realtek GbE LAN chip (1 Gbps/100 Mbps/10 Mbps)
Supported Storage	1 x M.2 connector, integrated in the CPU, supporting Socket 3, M key, type 2580 SSDs: AMD Ryzen 7000 Series Processors support PCIe 4.0 x4/x2 SSDs AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x4/x2 SSDs AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4/x2 SSDs 4 x SATA 6Gb/s connectors
RAID	RAID 0, RAID 1, and RAID 10 support for NVMe SSD storage devices RAID 0, RAID 1, and RAID 10 support for SATA storage devices
Audio	3 x audio jacks

Basic Information

Internal I/O Ports	1 x 24-pin ATX main power connector
	1 x 8-pin ATX 12V power connector
	1 x CPU fan header
	2 x system fan headers
	1 x addressable LED strip header
	1 x RGB LED strip header
	1 x M.2 Socket 3 connector
	4 x SATA 6Gb/s connectors
	1 x front panel header
	1 x front panel audio header
	1 x USB 3.2 Gen 1 header
	2 x USB 2.0/1.1 headers
	1 x Clear CMOS jumper
	Back Panel Connectors
	4 x USB 2.0/1.1 ports
	1 x PS/2 keyboard/mouse port
	1 x Q-Flash Plus button
	2 x USB 3.2 Gen 1 ports
	1 x DisplayPort
	1 x HDMI port
	1 x RJ-45 port
	3 x audio jacks
TPM (Trusted Platform Module)	1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0/GC-TPM2.0 SPI V2 module only)

Others

Special Features	Support for GIGABYTE Control Center (GCC)
	Support for Q-Flash
	Support for Q-Flash Plus
Bundled Software	Norton Internet Security (OEM version)
	LAN bandwidth management software

Warranty Information

Manufacturing Warranty	3 Years