



Gigabyte GA-A320M Motherboard

Product Specification

Brand	Gigabyte
Model	GA-A320M
Chipset	AMD A320
Processors	Integrated Graphics Processor
Form Factor	Micro ATX Form Factor
CPU	AM4 Socket: Supports AMD 3rd Gen Ryzen 2nd Gen Ryzen 1st Gen Ryzen 2nd Gen Ryzen with Radeon Vega Graphics 1st Gen Ryzen with Radeon Vega Graphics Athlon with Radeon Vega Graphics 7th Gen A-series Athlon X4 Processors
Memory Supports	2 x DDR4 DIMM sockets supporting up to 32 GB of system memory Dual channel memory architecture Support for DDR4 3200(O.C.)/2933(O.C.)/2667*/2400/2133 MHz memory modules Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode) Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules Support for Extreme Memory Profile (XMP) memory modules
Onboard Graphics	1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz 1 x DVI-D port, supporting a maximum resolution of 1920x1200@60 Hz 1 x HDMI port, supporting a maximum resolution of 4096x2160@24 Hz
Audio	Realtek ALC887 codec High Definition Audio 2/4/5.1/7.1-channel Support for S/PDIF Out
LAN	Realtek GbE LAN chip (10/100/1000 Mbit)
Expansion Slots	1 x PCI Express x16 slot, running at x16 (PCIEX16) 2 x PCI Express x1 slots 1 x PCI slot
Storage Interface	4 x SATA 6Gb/s connectors Support for RAID 0, RAID 1, and RAID 10

USB Port	1 x USB 3.1 Gen 2 Type-A port (red) on the back panel 2 x USB 3.1 Gen 1 ports available through the internal USB header 6 x USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers)
Internal I/O Connectors	1 x 24-pin ATX main power connector 1 x 8-pin ATX 12V power connector 4 x SATA 6Gb/s connectors 1 x CPU fan header 2 x system fan headers 1 x front panel header 1 x front panel audio header 1 x S/PDIF Out header 1 x USB 3.1 Gen 1 header 2 x USB 2.0/1.1 headers 1 x serial port header 1 x Trusted Platform Module (TPM) header 1 x Clear CMOS jumper
Back Panel Connectors	1 x PS/2 mouse port 1 x PS/2 Keyboard port 1 x D-Sub port 1 x DVI-D port 1 x USB 3.1 Gen 2 Type-A port (red) 3 x USB 3.1 Gen 1 ports 2 x USB 2.0/1.1 ports 1 x RJ-45 port 3 x audio jacks (Line In, Line Out, Mic In)
BIOS	1 x 128 Mbit flash Use of licensed AMI UEFI BIOS PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0