

Gigabyte A620M GAMING X Motherboard - Supports AMD Ryzen 8000 CPUs, 8+2+1 Phases Digital VRM, up to 8000MHz DDR5 (OC), 1xPCIe 4.0 M.2, GbE LAN, USB 3.2 Gen 2

Brand : Gigabyte

Product code: A620M GAMING X

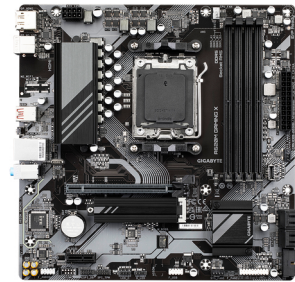
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Micro ATX, Socket AM5, AMD A620 chipset, 4x DDR5 DIMM, 7.1-channel audio, AMI UEFI BIOS

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| Processor | | Rear panel I/O ports | |
|--|--|-------------------------------------|--|
| Processor manufacturer * | AMD | Ethernet LAN (RJ-45) ports * | 1 |
| Processor socket * | Socket AM5 | PS/2 ports quantity | 1 |
| Compatible processor series * | AMD Ryzen™ 5, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen | HDMI ports quantity * | 1 |
| Supported processor sockets | Socket AM5 | HDMI version | 2.1 |
| Maximum internal memory supported by processor | 192 GB | DisplayPorts quantity | 1 |
| | | DisplayPort version | 1.4 |
| | | Headphone outputs | 3 |
| | | Microphone in | ✓ |
| | | USB connector type | USB Type-A, USB Type-C |
| Memory | | Network | |
| Supported memory types * | DDR5-SDRAM | Ethernet LAN | ✓ |
| Number of memory slots * | 4 | Ethernet interface type | Gigabit Ethernet |
| Memory slots type | DIMM | Wi-Fi * | ✗ |
| Memory channels | Dual-channel | | |
| Non-ECC | ✓ | Features | |
| Supported memory clock speeds | 4400,4800,5200,5600,6000,6200,6400,6800,7000,7200,7600,7800,8000 MHz | Motherboard chipset * | AMD A620 |
| Supported memory clock speed (max) | 8000 MHz | Audio output channels * | 7.1 channels |
| Maximum internal memory * | 192 GB | Product colour | Brown |
| Supported memory module capacities | 1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB | PC health monitoring | Fan, Temperature, Voltage, Water cooling |
| Unbuffered memory | ✓ | Component for * | PC |
| Storage controllers | | Motherboard form factor * | micro ATX |
| Supported storage drive types | HDD & SSD | Motherboard chipset family * | AMD |
| Supported storage drive interfaces * | M.2, SATA III | Windows operating systems supported | Windows 10 x64, Windows 11 x64 |
| Number of HDDs supported | 4 | Expansion slots | |
| Number of storage drives supported | 5 | PCI Express x1 slots | 1 |
| RAID support | ✓ | PCI Express x16 slots | 1 |
| RAID levels | 0, 1, 10 | Number of M.2 (M) slots | 1 |
| Graphics | | BIOS | |
| Parallel processing technology support * | Not supported | BIOS type * | UEFI AMI |
| Maximum resolution | 4096 x 2160 pixels | BIOS memory size | 256 Mbit |
| HDCP | ✓ | | |
| DirectX version | 12.0 | | |
| Internal I/O | | | |
| USB 2.0 connectors * | 1 | | |

| Internal I/O | | BIOS | |
|---|---|--|------------------------------------|
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 2 | ACPI version | 5.0 |
| Number of SATA III connectors * | 4 | Clear CMOS jumper | ✓ |
| Total number of SATA connectors | 4 | Desktop Management Interface (DMI) version | 2.7 |
| Front panel audio connector | ✓ | System Management BIOS (SMBIOS) version | 2.7 |
| Front panel connector | ✓ | Logistics data | |
| ATX Power connector (24-pin) | ✓ | Country of origin | China |
| CPU fan connector | ✓ | Products per shipping (inner) case | 1 pc(s) |
| EPS power connector (8-pin) | ✓ | Battery | |
| TPM connector | ✓ | Battery weight | 3 g |
| 12V power connector | ✓ | Lithium weight per battery | 0.07 g |
| RGB LED pin header | ✓ | Number of battery cells | 1 |
| Rear panel I/O ports | | Battery technology | Lithium-Manganese Dioxide (LiMnO2) |
| USB 2.0 ports quantity * | 2 | Battery type | CR2032 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 | Packaging data | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity * | 1 | Package width | 270 mm |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 | Package depth | 268 mm |
| | | Package height | 68 mm |
| | | Package weight | 892 g |
| | | Weight & dimensions | |
| | | Width | 244 mm |
| | | Depth | 244 mm |
| | | Height | 35 mm |
| | | Packaging content | |
| | | Cables included | SATA |
| | | Batteries included | ✓ |
| | | Bundled software | Norton Internet Security |
| | | Technical details | |
| | | Warranty period | 3 year(s) |



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