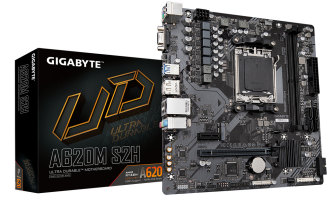


Gigabyte A620M S2H Motherboard - Supports AMD Ryzen 8000 CPUs, 5+2+2 Phases Digital VRM, up to 7200MHz DDR5 (OC), 1xPCIe 4.0 M.2, GbE LAN, USB 3.2 Gen 1

Brand : Gigabyte

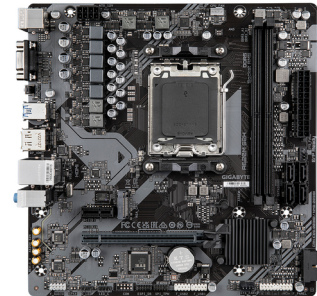
Product code: A620M S2H

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- AMD Socket AM5 Supports AMD Ryzen™ 7000 Series Processors
 - Unparalleled Performance 5+2+2 Phases Digital VRM Solution
 - Dual Channel DDR5 2xSMD DIMMs with AMD EXPO™ & Intel® XMP Memory Module Support
 - SuperSpeed Storage PCIe 4.0 x4 M.2 Connector
 - EZ-Latch PCIe x16 Slot with Quick Release Design
 - Fast Networks GbE LAN
 - Extended Connectivity DP, HDMI, D-Sub
 - Smart Fan 6 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
 - Q-Flash Plus Update BIOS Without Installing the CPU, Memory and Graphics Card
- AMD A620, AM5, 2 x DDR5, 1 x HDMI, 1 x DisplayPort, 1 x D-Sub, Micro ATX

[Gigabyte A620M S2H Motherboard - Supports AMD Ryzen 8000 CPUs, 5+2+2 Phases Digital VRM, up to 7200MHz DDR5 \(OC\), 1xPCIe 4.0 M.2, GbE LAN, USB 3.2 Gen 1:](#)



Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge technology.

| Processor | | Rear panel I/O ports | |
|--|--|-------------------------------------|--|
| Processor manufacturer * | AMD | HDMI ports quantity * | 1 |
| Processor socket * | Socket AM5 | HDMI version | 2.1 |
| Compatible processor series * | AMD Ryzen™ 5, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen | DisplayPorts quantity | 1 |
| Supported processor sockets | Socket AM5 | DisplayPort version | 1.4 |
| Maximum internal memory supported by processor | 96 GB | 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 * | 2 | Ethernet interface type | Gigabit Ethernet |
| Memory slots type | DIMM | Wi-Fi * | ✗ |
| Memory channels | Dual-channel | | |
| Non-ECC | ✓ | Features | |
| Supported memory clock speeds | 4400,4800,5200,5600,6000,6200,6400,6600,6800,7200 MHz | Motherboard chipset * | AMD A620 |
| Supported memory clock speed (max) | 7200 MHz | Audio output channels * | 7.1 channels |
| Maximum internal memory * | 96 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 | ✓ | ACPI version | 5.0 |
| DirectX version | 12.0 | | |

| Internal I/O | | BIOS | |
|---|---|--|--|
| USB 2.0 connectors * | 2 | Clear CMOS jumper | ✓ |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | Desktop Management Interface (DMI) version | 2.7 |
| Number of SATA III connectors * | 4 | System Management BIOS (SMBIOS) version | 2.7 |
| Total number of SATA connectors | 4 | Logistics data | |
| Front panel audio connector | ✓ | Country of origin | China |
| Front panel connector | ✓ | Products per shipping (inner) case | 1 pc(s) |
| ATX Power connector (24-pin) | ✓ | Battery | |
| CPU fan connector | ✓ | Battery weight | 3 g |
| EPS power connector (8-pin) | ✓ | Lithium weight per battery | 0.07 g |
| TPM connector | ✓ | Number of battery cells | 1 |
| 12V power connector | ✓ | Battery technology | Lithium-Manganese Dioxide (LiMnO2) |
| RGB LED pin header | ✓ | Battery type | CR2032 |
| Rear panel I/O ports | | Packaging data | |
| USB 2.0 ports quantity * | 4 | Package width | 265 mm |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 | Package depth | 265 mm |
| Ethernet LAN (RJ-45) ports * | 1 | Package height | 54 mm |
| PS/2 ports quantity | 1 | Package weight | 907 g |
| VGA (D-Sub) ports quantity * | 1 | Weight & dimensions | |
| | | Width | 230 mm |
| | | Depth | 225 mm |
| | | Height | 35 mm |
| | | Packaging content | |
| | | Cables included | SATA |
| | | Batteries included | ✓ |
| | | Bundled software | Norton Internet Security LAN bandwidth management software |
| | | Technical details | |
| | | Warranty period | 3 year(s) |



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