

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

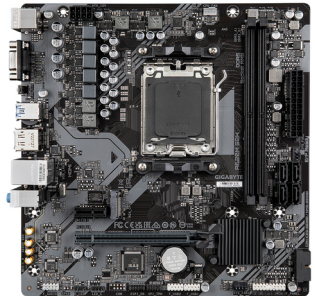
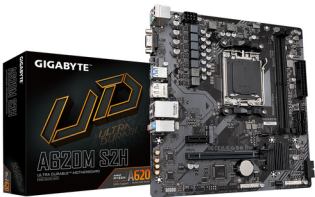
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content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



| 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 7000 Series                                 | DisplayPorts quantity               | 1                                        |
| Supported processor sockets                    | Socket AM5                                            | DisplayPort version                 | 1.4                                      |
| Maximum internal memory supported by processor | 96 GB                                                 | Headphone outputs                   | 3                                        |
| Memory                                         |                                                       | Microphone in                       | ✓                                        |
| Supported memory types *                       | DDR5-SDRAM                                            | USB connector type                  | USB Type-A, USB Type-C                   |
| Number of memory slots *                       | 2                                                     | Network                             |                                          |
| Memory slots type                              | DIMM                                                  | Ethernet LAN                        | ✓                                        |
| Memory channels                                | Dual-channel                                          | Ethernet interface type             | Gigabit Ethernet                         |
| ECC compatibility                              | Non-ECC                                               | Wi-Fi *                             | ✗                                        |
| Supported memory clock speeds                  | 4400,4800,5200,5600,6000,6200,6400,6600,6800,7200 MHz | Features                            |                                          |
| Supported memory clock speed (max)             | 7200 MHz                                              | Motherboard chipset *               | AMD A620                                 |
| Maximum internal memory *                      | 96 GB                                                 | Audio output channels *             | 7.1 channels                             |
| Supported memory module capacities             | 1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB            | Product colour                      | Brown                                    |
| Unbuffered memory                              | ✓                                                     | PC health monitoring                | Fan, Temperature, Voltage, Water cooling |
| Storage controllers                            |                                                       | Component for *                     | PC                                       |
| Supported storage drive types                  | HDD & SSD                                             | Motherboard form factor *           | micro ATX                                |
| Supported storage drive interfaces *           | M.2, SATA III                                         | Motherboard chipset family *        | AMD                                      |
| Number of HDDs supported                       | 4                                                     | Windows operating systems supported | Windows 10 x64, Windows 11 x64           |
| Number of storage drives supported             | 5                                                     | Expansion slots                     |                                          |
| RAID support                                   | ✓                                                     | PCI Express x1 slots                | 1                                        |
| RAID levels                                    | 0, 1, 10                                              | PCI Express x16 slots               | 1                                        |
| Graphics                                       |                                                       | Number of M.2 (M) slots             | 1                                        |
| Parallel processing technology support *       | Not supported                                         |                                     |                                          |
| Maximum resolution                             | 4096 x 2160 pixels                                    |                                     |                                          |

| Graphics                                          |      | BIOS                                       |                                                            |
|---------------------------------------------------|------|--------------------------------------------|------------------------------------------------------------|
| HDCP                                              | ✓    | BIOS type *                                | UEFI AMI                                                   |
| DirectX version                                   | 12.0 | BIOS memory size                           | 256 Mbit                                                   |
| Internal I/O                                      |      | ACPI version                               | 5.0                                                        |
| 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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### Catalog Object Cloud



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