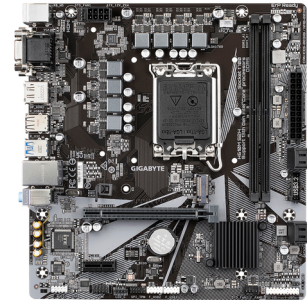


Gigabyte H610M S2H Motherboard - Supports Intel Core 14th CPUs, 6+1+1 Hybrid Digital VRM, up to 5600MHz DDR4 (OC), 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1

Brand : Gigabyte

Product code: H610M S2H

Product name : H610M S2H Motherboard - Supports Intel Core 14th CPUs, 6+1+1 Hybrid Digital VRM, up to 5600MHz DDR4 (OC), 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1



- Supports Intel® Core™ 14th/ 13th /12th processors
 - Dual Channel Non-ECC Unbuffered DDR5, 2 DIMMs
 - 6+1+1 Hybrid Digital VRM Design
 - GbE LAN with Bandwidth Management
 - NVMe PCIe 3.0 x4 M.2
 - DisplayPort / HDMI / DVI-D / D-Sub Ports for Multiple Display
 - High Quality Audio Capacitors and Audio Noise Guard
 - Smart Fan 6 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
 - GIGABYTE APP Center, Simple and Easy Use
 - Anti-Sulfur Resistors Design
- Micro ATX, LGA 1700 socket, Intel H610 Express chipset, 2x DDR5 DIMM, AMI UEFI BIOS

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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 technology.

| Processor | | Rear panel I/O ports | |
|--|---|-------------------------------------|--|
| Processor manufacturer * | Intel | DVI-D ports quantity * | 1 |
| Processor socket * | LGA 1700 | DisplayPorts quantity | 1 |
| Compatible processor series * | Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold | DisplayPort version | 1.2 |
| Supported processor sockets | LGA 1700 | Headphone outputs | 3 |
| Maximum internal memory supported by processor | 64 GB | Microphone in | ✓ |
| | | USB connector type | USB Type-A |
| 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 | Features | |
| ECC | ✓ | Motherboard chipset * | Intel H610 Express |
| Non-ECC | ✓ | Audio output channels * | 7.1 channels |
| Supported memory clock speeds | 4400,4800,5200,5600 MHz | Product colour | Brown |
| Supported memory clock speed (max) | 5600 MHz | PC health monitoring | Fan, Temperature, Voltage, Water cooling |
| Maximum internal memory * | 64 GB | Component for * | PC |
| Unbuffered memory | ✓ | Motherboard form factor * | micro ATX |
| Storage controllers | | Motherboard chipset family * | Intel |
| Supported storage drive types | HDD & SSD | Windows operating systems supported | Windows 10 x64, Windows 11 x64 |
| Supported storage drive interfaces * | M.2, SATA III | Expansion slots | |
| Number of HDDs supported | 4 | PCI Express x1 slots | 1 |
| Number of storage drives supported | 5 | PCI Express x16 slots | 1 |
| Graphics | | Number of M.2 (M) slots | 1 |
| Parallel processing technology support * | Not supported | BIOS | |
| Maximum resolution | 4096 x 2304 pixels | BIOS type * | UEFI AMI |
| | | BIOS memory size | 128 Mbit |
| | | ACPI version | 5.0 |

| | | | |
|---|------|--|------------------------------------|
| Graphics | | BIOS | |
| HDCP | ✓ | Clear CMOS jumper | ✓ |
| DirectX version | 12.0 | Desktop Management Interface (DMI) version | 2.7 |
| Number of displays supported | 3 | System Management BIOS (SMBIOS) version | 2.7 |
| Internal I/O | | Logistics data | |
| USB 2.0 connectors * | 2 | Country of origin | China |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | Products per shipping (inner) case | 1 pc(s) |
| Number of SATA III connectors * | 4 | Battery | |
| Front panel audio connector | ✓ | Battery weight | 3 g |
| Front panel connector | ✓ | Lithium weight per battery | 0.07 g |
| ATX Power connector (24-pin) | ✓ | Number of battery cells | 1 |
| CPU fan connector | ✓ | Battery technology | Lithium-Manganese Dioxide (LiMnO2) |
| EPS power connector (8-pin) | ✓ | Battery type | CR2032 |
| TPM connector | ✓ | Packaging data | |
| Serial port headers | 1 | Package width | 265 mm |
| 12V power connector | ✓ | Package depth | 235 mm |
| RGB LED pin header | ✓ | Package height | 52 mm |
| Rear panel I/O ports | | Package weight | 768 g |
| USB 2.0 ports quantity * | 4 | Weight & dimensions | |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 | Width | 230 mm |
| Ethernet LAN (RJ-45) ports * | 1 | Depth | 215 mm |
| PS/2 ports quantity | 2 | Height | 35 mm |
| VGA (D-Sub) ports quantity * | 1 | Packaging content | |
| HDMI ports quantity * | 1 | Cables included | SATA |
| HDMI version | 2.0 | Batteries included | ✓ |
| | | Bundled software | Norton Internet Security |
| | | Technical details | |
| | | Warranty period | 3 year(s) |



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