

Gigabyte H610I DDR4 motherboard Intel H610 Express LGA 1700 mini ITX

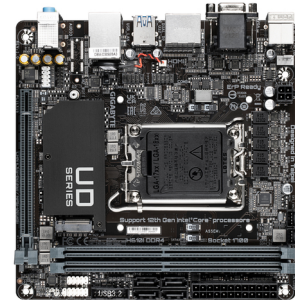
Brand : Gigabyte

Product code: H610I DDR4

Product name : H610I DDR4

- Supports 12th Gen Intel® Core™ Series Processors
- Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
- 4+1+1 Hybrid Digital VRM Design
- Intel® GbE LAN with cFosSpeed Internet Accelerator Software
- NVMe PCIe 3.0 x4 M.2
- 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

Mini-ITX, Intel H610 Express chipset, LGA 1700 socket, 2xDDR4 DIMM slots, 7.1-ch audio, Gigabit LAN
Gigabyte H610I DDR4. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD. Maximum resolution: 4096 x 2304 pixels. USB connector type: USB Type-A



| Processor | | Rear panel I/O ports | |
|------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------|
| Processor manufacturer * | Intel | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Processor socket * | LGA 1700 | Ethernet LAN (RJ-45) ports * | 1 |
| Compatible processor series * | Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G | PS/2 ports quantity | 1 |
| Supported processor sockets | LGA 1700 | VGA (D-Sub) ports quantity * | 1 |
| Memory | | HDMI ports quantity * | 1 |
| Supported memory types * | DDR4-SDRAM | HDMI version | 2.0 |
| Number of memory slots * | 2 | DisplayPorts quantity | 2 |
| Memory slots type | DIMM | DisplayPort version | 1.2 |
| Memory channels | Dual-channel | Headphone outputs | 3 |
| ECC | ✓ | Microphone in | ✓ |
| Non-ECC | ✓ | USB connector type | USB Type-A |
| Supported memory clock speeds | 2133,2400,2666,2933,3000,3200 MHz | Network | |
| Maximum internal memory * | 64 GB | Ethernet LAN | ✓ |
| Unbuffered memory | ✓ | Ethernet interface type | Gigabit Ethernet |
| Storage controllers | | Wi-Fi * | ✗ |
| Supported storage drive types | HDD & SSD | Features | |
| Supported storage drive interfaces * | M.2, SATA III | Motherboard chipset * | Intel H610 Express |
| Number of storage drives supported | 5 | Audio output channels * | 7.1 channels |
| Graphics | | PC health monitoring | Fan, Temperature, Voltage |
| Parallel processing technology support * | Not supported | Component for * | PC |
| Maximum resolution | 4096 x 2304 pixels | Motherboard form factor * | mini ITX |
| HDCP | ✓ | Motherboard chipset family * | Intel |
| Number of displays supported | 3 | Windows operating systems supported | Windows 10 x64, Windows 11 x64 |
| Internal I/O | | Harmonized System (HS) code | 84733020 |
| USB 2.0 connectors * | 2 | Expansion slots | |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | PCI Express x16 slots | 1 |
| Number of SATA III connectors * | 4 | Number of M.2 (M) slots | 1 |
| | | BIOS | |
| | | BIOS type * | UEFI AMI |

| Internal I/O | | BIOS | |
|----------------------------------|---|--------------------------------------------|---------------------------------------------------------------------------|
| Front panel audio connector | ✓ | BIOS memory size | 256 Mbit |
| Front panel connector | ✓ | ACPI version | 5.0 |
| ATX Power connector (24-pin) | ✓ | Clear CMOS jumper | ✓ |
| CPU fan connector | ✓ | Desktop Management Interface (DMI) version | 2.7 |
| Number of chassis fan connectors | 2 | System Management BIOS (SMBIOS) version | 2.7 |
| Chassis intrusion connector | ✓ | Weight & dimensions | |
| TPM connector | ✓ | Width | 170 mm |
| Serial port headers | 1 | Depth | 170 mm |
| 12V power connector | ✓ | Height | 70 mm |
| RGB LED pin header | ✓ | Packaging content | |
| Rear panel I/O ports | | Cables included | SATA |
| USB 2.0 ports quantity * | 4 | Bundled software | Norton Internet Security (OEM version), LAN bandwidth management software |
| | | Other features | |
| | | Weight | 634 g |



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