

GIGABYTE H810M K Motherboard - Intel Core Ultra (Series 2)

CPUs, 3+1+2 Phases VRM, up to 6400MHz DDR5, 1xPCIe 4.0 M.2, 1GbE LAN, USB 3.2 Gen 1



Brand : GIGABYTE

Product code: H810M K

Product name : H810M K Motherboard - Intel Core Ultra (Series 2) CPUs, 3+1+2 Phases VRM, up to 6400MHz DDR5, 1xPCIe 4.0 M.2, 1GbE LAN, USB 3.2 Gen 1

- Supports Intel Core Ultra processors (Series 2)
- Hybrid 3+1+2 phases VRM solution
- EZ-Latch: PCIe x16 Slot with Quick Release Design
- Friendly UI: Multi-Theme and Q-Flash Auto Scan in BIOS and SW
- Next Generation Storage: PCIe 4.0 x4 M.2 Connectors
- Fast Networking: GbE LAN
- Extended Connectivity: HDMI, DisplayPort

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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 | | Network | |
|--|--------------------------------|--|--|
| Processor manufacturer * | Intel | Ethernet LAN | ✓ |
| Processor socket * | LGA 1851 (Socket V1) | Ethernet interface type | Gigabit Ethernet |
| Compatible processor series * | Intel Core Ultra (Series 2) | LAN controller | Realtek RTL8111H |
| Supported processor sockets | LGA 1851 | Wi-Fi * | ✗ |
| Memory | | Features | |
| Supported memory types * | DDR5-SDRAM | Motherboard chipset * | Intel H810 |
| Number of memory slots * | 2 | Audio chip | Realtek ALC897 |
| Memory slots type | DIMM | Audio output channels * | 7.1 channels |
| Memory channels | Dual-channel | Product colour | Dark brown |
| ECC compatibility | ECC & Non-ECC | PC health monitoring | Fan, Temperature, Voltage, Water cooling |
| Supported memory clock speeds | 5600,6400 MHz | Component for * | PC |
| Supported memory clock speed (max) | 6400 MHz | Motherboard form factor * | micro ATX |
| Maximum internal memory * | 128 GB | Motherboard chipset family * | Intel |
| Unbuffered memory | ✓ | Cooling type | Passive |
| Maximum internal memory per slot | 64 GB | Power source type | ATX |
| Storage controllers | | Windows operating systems supported | |
| Supported storage drive types | HDD & SSD | Windows 10 x64, Windows 11 x64 | |
| Supported storage drive interfaces * | M.2, PCI Express 4.0, SATA III | Expansion slots | |
| Number of HDDs supported | 4 | PCI Express x1 (Gen 3.x) slots | 1 |
| Number of storage drives supported | 5 | PCI Express x16 (Gen 4.x) slots | 1 |
| RAID support | ✓ | Number of M.2 (M) slots | 1 |
| RAID levels | 0, 1, 5, 10 | 1st M.2 largest key size | 2280 |
| Graphics | | 1st M.2 highest PCI Express generation | 4.0 |
| 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 | Clear CMOS jumper | ✓ |

| Internal I/O | | BIOS | |
|---|-----|---|---|
| USB 2.0 connectors * | 1 | Desktop Management Interface (DMI) version | 2.7 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 | System Management BIOS (SMBIOS) version | 2.7 |
| Number of SATA III connectors * | 4 | | |
| Front panel audio connector | ✓ | | |
| Front panel connector | ✓ | | |
| ATX Power connector (24-pin) | ✓ | | |
| CPU fan connector | ✓ | | |
| Number of CPU fan connectors | 1 | | |
| Number of chassis fan connectors | 1 | | |
| EPS power connector (8-pin) | ✓ | | |
| Number of EPS power connectors (8-pin) | 1 | | |
| TPM connector | ✓ | | |
| Serial port headers | 1 | | |
| 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 |
| HDMI ports quantity * | 1 | Package weight | 766.6 g |
| HDMI version | 2.1 | | |
| DisplayPorts quantity | 1 | | |
| DisplayPort version | 2.1 | | |
| Headphone outputs | 1 | | |
| Line-in | ✓ | | |
| Microphone in | ✓ | | |
| Weight & dimensions | | Packaging content | |
| | | Width | 226 mm |
| | | Depth | 185 mm |
| | | Height | 35 mm |
| Other features | | Norton® Internet Security (OEM version) LAN bandwidth management software | |
| | | Batteries included | ✓ |
| | | Screws included | ✓ |
| | | Bundled software | Norton® Internet Security (OEM version) LAN bandwidth management software |
| Technical details | | Other | |
| | | Weight | 688 g |
| | | Warranty period | 3 year(s) |



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Catalog Object Cloud



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