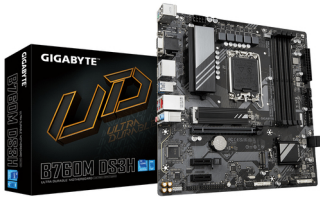GIGABYTE

# GIGABYTE B760M DS3H Motherboard - Supports Intel Core 14th Gen CPUs, 6+2+1 Phases Digital VRM, up to 7600MHz DDR5 (OC), 2xPCIe 4.0 M.2, 2.5GbE LAN, USB 3.2 Gen

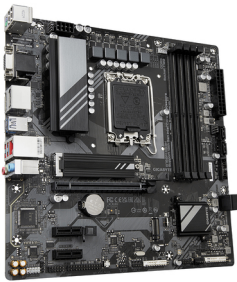**Brand :** GIGABYTE

**Product code:** B760M DS3H

**Product name :** B760M DS3H Motherboard - Supports Intel Core 14th Gen CPUs, 6+2+1 Phases Digital VRM, up to 7600MHz DDR5 (OC), 2xPCIe 4.0 M.2, 2.5GbE LAN, USB 3.2 Gen

Micro ATX, LGA 1700 socket, Intel B760 Express chipset, 4x DDR5 DIMM, AMI UEFI BIOS

GIGABYTE B760M DS3H Motherboard - Supports Intel Core 14th Gen CPUs, 6+2+1 Phases Digital VRM, up to 7600MHz DDR5 (OC), 2xPCIe 4.0 M.2, 2.5GbE LAN, USB 3.2 Gen:

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

| | |
|---|---|
| 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® Gold |
| Supported processor sockets | LGA 1700 |
| Maximum internal memory supported by processor | 192 GB |

### Memory

| | |
|---|---|
| Supported memory types * | DDR5-SDRAM |
| Number of memory slots * | 4 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| ECC compatibility | ECC & Non-ECC |
| Supported memory clock speeds | 4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600 MHz |
| Supported memory clock speed (max) | 7600 MHz |
| Maximum internal memory * | 192 GB |
| Supported memory module capacities | 1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB, 48GB |
| Unbuffered memory | ✔ |

## Storage controllers

| | |
|---|---|
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces * | M.2, SATA III |
| Number of HDDs supported | 4 |
| Number of storage drives supported | 6 |
| RAID support | ✔ |
| RAID levels | 0, 1, 5, 10 |

## Graphics

| | |
|---|---|
| Parallel processing technology support * | Not supported |
| Maximum resolution | 4096 x 2304 pixels |
| HDCP | ✔ |

## Rear panel I/O ports

| | |
|---|---|
| PS/2 ports quantity | 1 |
| VGA (D-Sub) ports quantity * | 1 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.0 |
| DisplayPorts quantity | 2 |
| DisplayPort version | 1.2 |
| Headphone outputs | 3 |
| Microphone in | ✔ |
| USB connector type | USB Type-A, USB Type-C |

## Network

| | |
|---|---|
| Ethernet LAN | ✔ |
| Ethernet interface type | 2.5 Gigabit Ethernet |
| Wi-Fi * | ✘ |

## Features

| | |
|---|---|
| Motherboard chipset * | Intel B760 Express |
| Audio output channels * | 7.1 channels |
| Product colour | Brown |
| PC health monitoring | Fan, Temperature, Voltage, Water cooling |
| Component for * | PC |
| Motherboard form factor * | micro ATX |
| Motherboard chipset family * | Intel |
| Windows operating systems supported | Windows 10 x64, Windows 11 x64 |

## Expansion slots

| | |
|---|---|
| PCI Express x1 slots | 2 |
| PCI Express x16 slots | 1 |
| Number of M.2 (M) slots | 2 |

## Graphics

| | |
|---|---|
| DirectX version | 12.0 |

## Internal I/O

| | |
|---|---|
| USB 2.0 connectors * | 2 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 |
| Number of SATA III connectors * | 4 |
| S/PDIF out connector | ✔ |
| Front panel audio connector | ✔ |
| Front panel connector | ✔ |
| ATX Power connector (24-pin) | ✔ |
| CPU fan connector | ✔ |
| EPS power connector (8-pin) | ✔ |
| TPM connector | ✔ |
| Parallel connector | ✔ |
| Serial port headers | 1 |
| 12V power connector | ✔ |
| RGB LED pin header | ✔ |

## Rear panel I/O ports

| | |
|---|---|
| USB 2.0 ports quantity * | 2 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |
| Ethernet LAN (RJ-45) ports * | 1 |

## BIOS

| | |
|---|---|
| BIOS type * | UEFI AMI |
| BIOS memory size | 128 Mbit |
| ACPI version | 5.0 |
| Clear CMOS jumper | ✔ |
| Desktop Management Interface (DMI) version | 2.7 |
| System Management BIOS (SMBIOS) version | 2.7 |

## Logistics data

| | |
|---|---|
| Country of origin | China |
| Products per shipping (inner) case | 1 pc(s) |

## Battery

| | |
|---|---|
| Battery weight | 3 g |
| Lithium weight per battery | 0.07 g |
| Number of battery cells | 1 |
| Battery technology | Lithium-Manganese Dioxide (LiMnO2) |
| Battery type | CR2032 |

## Packaging data

| | |
|---|---|
| Package width | 265 mm |
| Package depth | 265 mm |
| Package height | 54 mm |
| Package weight | 1.12 kg |

## Weight & dimensions

| | |
|---|---|
| Width | 244 mm |
| Depth | 244 mm |
| Height | 35 mm |

## Packaging content

| | |
|---|---|
| Cables included | SATA |
| Bundled software | Norton Internet Security |

## Technical details

| | |
|---|---|
| Warranty period | 3 year(s) |

**4719331851736**