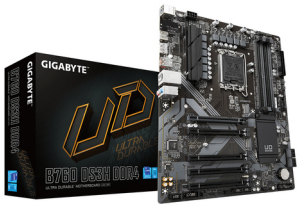
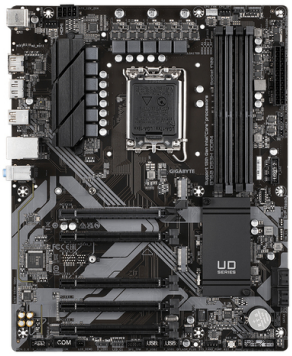
GIGABYTE

# GIGABYTE B760 DS3H DDR4 Motherboard - Supports Intel Core 14th CPUs, 18+2+1 Phases Digital VRM, up to 5333MHz DDR4 (OC), 2xPCIe 4.0 M.2, GbE LAN, USB 3.2 Gen 2



**Brand :** GIGABYTE

**Product code:** B760 DS3H DDR4

**Product name :** B760 DS3H DDR4 Motherboard - Supports Intel Core 14th CPUs, 18+2+1 Phases Digital VRM, up to 5333MHz DDR4 (OC), 2xPCIe 4.0 M.2, GbE LAN, USB 3.2 Gen 2

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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

| | |
|---|---|
| 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 | 128 GB |

**Memory**

| | |
|---|---|
| Supported memory types * | DDR4-SDRAM |
| Number of memory slots * | 4 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| ECC compatibility | ECC & Non-ECC |
| Supported memory clock speeds | 2133,2400,2666,2933,3000,3200,3300,3333,3400,3466,3600,3666,3733,3800,3866,4000,4133,4266,4300,4400,4500,4600,4700,4800,4933,5000,5133,5333 MHz |
| Supported memory clock speed (max) | 5333 MHz |
| Maximum internal memory * | 128 GB |
| Supported memory module capacities | 1GB, 2GB, 4GB, 8GB, 12GB, 16GB, 32GB |
| Unbuffered memory | ✔ |

## Storage controllers

| | |
|---|---|
| Supported storage drive types | HDD & SSD |
| Supported storage drive interfaces * | M.2, PCI Express 4.0, 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 | ✔ |
| DirectX version | 12.0 |

## Internal I/O

| | |
|---|---|
| USB 2.0 connectors * | 2 |

## Rear panel I/O ports

| | |
|---|---|
| USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| Ethernet LAN (RJ-45) ports * | 1 |
| PS/2 ports quantity | 1 |
| HDMI ports quantity * | 1 |
| HDMI version | 2.0 |
| DisplayPorts quantity | 1 |
| DisplayPort version | 1.2 |
| Headphone outputs | 3 |
| Microphone in | ✔ |
| USB connector type | USB Type-A, USB Type-C |

## Network

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

## Features

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

## Expansion slots

| | |
|---|---|
| PCI Express x16 slots | 5 |
| Number of M.2 (M) slots | 2 |

| Internal I/O | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 2 |
| Number of SATA III connectors * | 4 |
| Total number of SATA 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 | ✔ |
| Serial port headers | 1 |
| 12V power connector | ✔ |
| RGB LED pin header | ✔ |

| Rear panel I/O ports | |
|---|---|
| USB 2.0 ports quantity * | 4 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 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 | 335 mm |
| Package depth | 270 mm |
| Package height | 80 mm |
| Package weight | 1.31 kg |

| Weight & dimensions | |
|---|---|
| Width | 305 mm |
| Depth | 244 mm |
| Height | 35 mm |

| Packaging content | |
|---|---|
| Cables included | SATA |
| Batteries included | ✔ |
| Bundled software | Norton Internet Security |

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

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**Catalog Object Cloud**

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