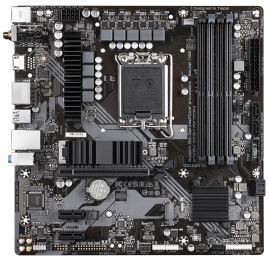
GIGABYTE

Gigabyte B760M DS3H AX DDR4 motherboard Intel B760 Express LGA 1700 micro ATX



Brand : Gigabyte **Product code:** B760M DS3H AX DDR4

Product name : B760M DS3H AX DDR4

- Intel® Socket LGA 1700: Support 13th and 12th Gen Series Processors
- Unparalleled Performance: Hybrid 6+2+1 Phases Digital VRM Solution
- Dual Channel DDR4: 4*DIMMs XMP Memory Module Support
- Next Generation Storage: 2*PCIe 4.0 x4 M.2 Connectors
- M.2 Thermal Guard: To Ensure M.2 SSD Performance
- EZ-Latch: PCIe 4.0x16 Slot with Quick Release Design
- Fast Networks: 2.5GbE LAN & Wi-Fi 6E 802.11ax
- Extended Connectivity: Rear USB-C® 10Gb/s, DP, HDMI
- Smart Fan 6: Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
- Q-Flash Plus: Update BIOS Without Installing the CPU, Memory and Graphics Card

Micro ATX, LGA 1700 socket, Intel B760 Express chipset, 4x DDR4 DIMM, Wi-Fi 6E, Bluetooth 5.2, AMI UEFI BIOS

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

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
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
Maximum internal memory *	128 GB
Unbuffered memory	✓

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, PCI Express 4.0, SATA III
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	✓

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	✓

Rear panel I/O ports

USB 3.2 Gen 2 (3.1 Gen 2) 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	2
DisplayPort version	1.2
Headphone outputs	3
Microphone in	✓
WiFi-AP antenna jack	2
USB connector type	USB Type-A, USB Type-C

Network

Ethernet LAN	✓
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi *	✓
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
WLAN controller model	RZ608
Bluetooth	✓
Bluetooth version	5.2

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 *	micro ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Internal I/O	
EPS power connector (8-pin)	✓
TPM connector	✓
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

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

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

Weight & dimensions	
Width	244 mm
Depth	244 mm

Packaging content	
Cables included	SATA
Bundled software	Norton Internet Security

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