GIGABYTE B760 GAMING X AX motherboard

Artikel	129887
Herstellernummer	B760 GAMING X AX
EAN	4719331851774
GIGABYTE	

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Zusammenfassung

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GIGABYTE B760 GAMING X AX Motherboard - Supports Intel Core 14th Gen CPUs, 8+1+1 Phases Digital VRM, up to 7600MHz DDR5 (OC), 3xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2, Intel, LGA 1700, Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,..., LGA 1700, DDR5-SDRAM, 256 GB

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Merkmale

Technical details

Warranty period	3 year(s)

Logistics data

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

BIOS

BIOS type	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5.0
Clear CMOS jumper	Yes
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

case

Packaging content

Cables included	SATA
Batteries included	Yes
Bundled software	Norton Internet Security

Weight & dimensions

Width	305 mm
Depth	244 mm
Height	35 mm

Graphics

Parallel processing technology support	Not supported
Maximum resolution	4096 x 2304 pixels
HDCP	Yes
DirectX version	12.0

Packaging data

Package width	335 mm
Package depth	270 mm
Package height	80 mm
Package weight	19 kg

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

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

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	7
RAID support	Yes
RAID levels	0, 1, 5, 10

Expansion slots

PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	3
1st M.2 largest key size	22110
1st M.2 highest PCI Express generation	4.0
2nd M.2 largest key size	22110
2nd M.2 highest PCI Express generation	4.0
3rd M.2 largest key size	22110
3rd M.2 highest PCI Express generation	4.0

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

Network

Ethernet LAN	Yes
Ethernet interface type	2.5 Gigabit Ethernet
Wi-Fi	Yes
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	Intel Wi-Fi 6E AX211
Bluetooth	Yes
Bluetooth version	5.2

Memory

Supported memory types	DDR5-SDRAM
Number of memory slots	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC ?ompatibility	ECC & Non-ECC
Supported memory clock speeds	4000,4800,5200,5400,5600,5800 ,6000,6200,6400,6600,6800,700

	0,7200,7400,7600 MHz
Supported memory clock speed (max)	7600 MHz
Maximum internal memory	256 GB
Unbuffered memory	Yes

Rear panel I/O ports

USB 2.0 ports quantity	5
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone outputs	6
Microphone in	Yes
WiFi-AP antenna jack	2
USB connector type	USB Type-A, USB Type-C

Internal I/O

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