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GIGABYTE H610I DDR4 Motherboard - Supports Intel Core 14th CPUs, 4+1+1 Hybrid Digital VRM, up to 3200MHz DDR4 (OC), 1xPCIe 3.0 M.2, GbE LAN, USB 3.2 Gen 1

Brand : GIGABYTE

Product code: H610I DDR4

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- Supports 12th Gen Intel® Core™ Series Processors
- Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
- 4+1+1 Hybrid Digital VRM Design
- Intel® GbE LAN with cFosSpeed Internet Accelerator Software
- NVMe PCIe 3.0 x4 M.2
- High Quality Audio Capacitors and Audio Noise Guard
- Smart Fan 6 Features Multiple Temperature Sensors , Hybrid Fan Headers with FAN STOP
- GIGABYTE APP Center, Simple and Easy Use
- Anti-Sulfur Resistors Design
Mini-ITX, Intel H610 Express chipset, LGA 1700 socket, 2xDDR4 DIMM slots, 7.1-ch audio, Gigabit LAN

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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

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 G
Supported processor sockets	LGA 1700
Maximum internal memory supported by processor	64 GB

Memory

Supported memory types *	DDR4-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	2133,2400,2666,2933,3000,3200 MHz
Supported memory clock speed (max)	3200 MHz
Maximum internal memory *	64 GB
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	5

Graphics

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

Rear panel I/O ports

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

Network

Ethernet LAN	✓
Ethernet interface type	Gigabit Ethernet
Wi-Fi *	✗

Features

Motherboard chipset *	Intel H610 Express
Audio output channels *	7.1 channels
Product colour	Brown
PC health monitoring	Fan, Temperature, Voltage
Component for *	PC
Motherboard form factor *	mini ITX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Expansion slots

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

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5.0
Clear CMOS jumper	✓

Graphics

Number of displays supported	3

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
Total number of SATA connectors	4
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of chassis fan connectors	2
Chassis intrusion connector	✔
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 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports *	1
PS/2 ports quantity	1
VGA (D-Sub) ports quantity *	1

BIOS

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)
Harmonized System (HS) code	84733020

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	222 mm
Package depth	180 mm
Package height	65 mm
Package weight	711 g

Weight & dimensions

Width	170 mm
Depth	170 mm
Height	35 mm

Packaging content

Cables included	SATA
Batteries included	✔
Bundled software	Norton Internet Security (OEM version), LAN bandwidth management software

Technical details

Warranty period	3 year(s)

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