

Realtek® Audio CODEC	High Definition Audio 2/4/5.1/7.1-channel * To configure 7.1-channel audio, you need to open the audio software and select Device advanced settings > Playback Device to change the default setting first. Please visit GIGABYTE's website for details on configuring the audio software.	LAN 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)	Wireless Intel® WiFi 6E support Dual-band
		Expansion Slots 1 x PCI Express x16 slot, running at x16 (PCIEX16) * For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot. (The PCIEX16 slot conforms to PCI Express 4.0 standard.)	1 x PCI Express x16 slot, running at x4 (PCIEX4) (The PCIEX4 slot conforms to PCI Express 3.0 standard.) Multi-GPU Support GPU (NVIDIA GeForce RTX 3090) Way 1 technologies
		Storage Interface CPU: 1 x M.2 connector (Socket 3, M key, type 2260/2280 PCIe 4.0 x4/x2 SSD support) (M2A_CPU) Chipset: 1 x M.2 connector (Socket 3, M key, type 2260/2280/22110 PCIe 4.0 x4/x2 SSD support) (M2P_SB)	USB 4 x SATA 6Gb/s connectors
		Support for RAID 0, RAID 1, RAID 5, and RAID 10 Intel® Optane™ Memory Ready * System acceleration with Intel® Optane™ Memory can only be enabled on the M.2 connectors supported by the Chipset.	

Chipset:

1 x USB Type-C® port with USB 3.2 Gen 2 support, available through the internal USB header

5 x USB 3.2 Gen 1 ports
(3 ports on the back
panel, 2 ports available
through the internal USB
header)

1 x USB 2.0/1.1 port on the back panel

Chipset+2 USB 2.0 Hubs:

8 x USB 2.0/1.1 ports (4 ports on the back panel, 4 ports available through the internal USB headers)

Internal I/O Connectors

1 x 24-pin ATX main power connector

1 x 8-pin ATX 12V power connector

1 x CPU fan header

3 x system fan headers

2 x addressable LED

strip headers
2 x RGB LED strip
headers

2 x M.2 Socket 3 connectors

4 x SATA 6Gb/s connectors

1 x front panel header

1 x front panel audio

1x USB Type-C® header, with USB 3.2 Gen 2 support

Gen 2 support
 PX USB 3.2 Gen 1
 header

2 x USB 2.0/1.1 headers

1 x S/PDIF Out header

2 x Thunderbolt™ add-in

1x Trusted Platform Module header (For the 6x serial-port header TPM2.0 SPI 2.0 module only)

1 x reset button

1 x O-Flash Plus button

1 x reset jumper

1 x Clear CMOS jumper

*All fan headers are subject to support AIO_Pump, Pump and high performance fan with the capability of delivering up to 2A/12V @ 24W.

I/O Controller

iTE® I/O Controller Chip

BIOS

1 x 256 Mbit flash

Use of licensed AMI UEFI BIOS
 PHP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

Back P

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H/W Mc

Volta

Unique

Support
* Available
in API
by me
Support
each
also v
moth
speci
@BIO
EasyT
Fast I
Game

ON/OFF Charge
RGB Fusion
Smart Backup
System Information
Viewer

Support for Q-Flash Plus

Support for Q-Flash
Support for Xpress Install

Bundled Software
Norton® Internet
Security (OEM version)

Form Factor
Micro ATX Form Factor;
24.4cm x 24.4cm

LAN bandwidth
management software

Operat
Supp
64-bi