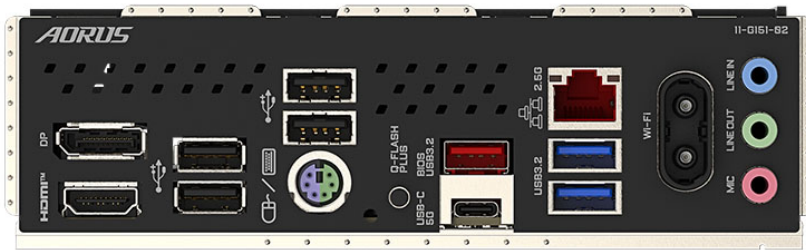


169.00 EUR
incl. 19% VAT, plus [shipping](#)

- Gigabyte Features !
- 2x M.2 slot !
- USB Type-C !
- PCIe 4.0 !



- X3D Turbo Mode : Unleash new era gaming performance DDR5 OC up to 8200MT/s
- AMD Socket AM5 : Supports AMD Ryzen™ 9000 / 8000 / 7000 Series Processors
- Digital twin 10+2+2 phases VRM solution
- Dual Channel DDR5 : 4*DIMMs with AMD EXPO™Memory Module Support
- WIFI EZ-Plug : Quick and easy design for Wi-Fi antenna installation
- EZ-Latch Plus : PCIe and M.2 slots with Quick Release & Screwless Design
- EZ-Latch Click : M.2 heatsinks with screwless design Friendly UI : Multi-Theme, AIO Fan Control, and Q-Flash Auto Scan in BIOS and SW
- Ultra-Fast Storage : 2*M.2 slots
- Efficient Thermal : VRM Thermal Armor Advanced & M.2 Thermal Guard Ext.
- Fast Networking : 2.5GbE LAN & Wi-Fi 6E with directional Ultra-high gain antenna
- Extended Connectivity : HDMI, Displayport
- PCIe UD Slot : PCIe x16 slots with 10X strength for graphics card & Better Heat dissipation effect

Prozessor

Chipset

AMD Socket AM5, support for:
AMD Ryzen™ 9000 Series Processors/
AMD Ryzen™ 8000 Series Processors/
AMD Ryzen™ 7000 Series Processors
(Go to GIGABYTE's website for the latest CPU support list.)
AMD B840

Support for DDR5 8200(O.C) / 8000(O.C) / 7950(O.C) / 7900(O.C) / 7800(O.C) / 7600(O.C.) / 7400(O.C.) / 7200(O.C.) / 7000(O.C.) / 6800(O.C.) / 6600(O.C.) / 6400(O.C) / 6200(O.C) / 6000(O.C) / 5800(O.C) / 5600(O.C) / 5200 / 4800 / 4400 MT/s memory modules.

Memory

4 x DDR5 DIMM sockets supporting up to 256 GB (64 GB single DIMM capacity) of system memory
Dual channel memory architecture

Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules
Support for AMD EXtended Profiles for Overclocking (AMD EXPO™) and Extreme Memory Profile (XMP) memory modules (The CPU and memory configuration may affect the supported memory types, data rate (speed), and number of DRAM modules, please refer to "Memory Support List" on GIGABYTE's website for more information.)

Integrated Graphics Processor with AMD Radeon™ Graphics support:

- 1 x DisplayPort, supporting a maximum resolution of 3840x2160@144 Hz

* Support for DisplayPort 1.4 version and HDR.

Onboard Graphics

- 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz

* Support for HDMI 2.1 version, HDCP 2.3, and HDR.

** Support for native HDMI 2.1 TMDS compatible ports.

(Graphics specifications may vary depending on CPU support.)

Audio

Realtek® Audio CODEC

High Definition Audio

2/4/5.1/7.1-channel

LAN

Realtek® 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)

Realtek® Wi-Fi 6E RTL8852CE

- WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands

Wireless Communication module

- BLUETOOTH 5.3

- Support for 11ax 160MHz wireless standard

(Actual data rate may vary depending on environment and equipment.)

Expansion Slots

1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 2580/2280 SSDs:
AMD Ryzen™ 9000/7000 Series Processors support PCIe 4.0 x4/x2 SSDs
AMD Ryzen™ 8000 Series-Phoenix 1 Processors support PCIe 4.0 x4/x2 SSDs
AMD Ryzen™ 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4/x2 SSDs
1 x M.2 connector (M2B_CPU), integrated in the CPU, supporting Socket 3, M key, type 22110/2280 SSDs:
AMD Ryzen™ 9000/7000 Series Processors support PCIe 4.0 x4/x2 SSDs
AMD Ryzen™ 8000 Series-Phoenix 1 Processors support PCIe 4.0 x4/x2 SSDs
AMD Ryzen™ 8000 Series-Phoenix 2 Processors support PCIe 4.0 x2 SSDs
4 x SATA 6Gb/s connectors
RAID 0, RAID 1, RAID 5, and RAID 10 support for NVMe SSD storage devices
* RAID 5 is only available on AMD Ryzen™ 9000 Series Processors.

Storage Interface

RAID 0, RAID 1, and RAID 10 support for SATA storage devices
CPU:
1. 1 x M.2 connector (Socket 3, M key, type 2260/2280/22110 PCIe 4.0 x4/x2 SSD support) (M2P_CPU)*
*Supported by 11th Generation processors only.
Chipset:
1. 2 x M.2 connector (Socket 3, M key, type 2260/2280/22110 SATA and PCIe 3.0 x4/x2 SSD support) (M2A_SB) (M2M_SB)
2. 6 x SATA 6Gb/s connectors
Support for RAID 0, RAID 1, RAID 5, and RAID 10
* Refer to "1-7 Internal Connectors," for the installation notices for the M.2 and SATA connectors.
Intel® Optane™ Memory Ready

USB

CPU:
- 1 x USB Type-C® port on the back panel, with USB 3.2 Gen 1 support
- 2 x USB 3.2 Gen 1 ports on the back panel
CPU+USB 2.0 Hub:
- 4 x USB 2.0/1.1 ports on the back panel
Chipset:
- 1 x USB Type-C® port with USB 3.2 Gen 1 support, available through the internal USB header
- 1 x USB 3.2 Gen 2 Type-A port (red) on the back panel
- 2 x USB 3.2 Gen 1 ports available through the internal USB header
- 4 x USB 2.0/1.1 ports available through the internal USB headers

	1 x 24-pin ATX main power connector
	1 x 8-pin ATX 12V power connector
	1 x CPU fan header
	1 x CPU fan/water cooling pump header
	3 x system fan headers
	1 x system fan/water cooling pump header
	3 x addressable RGB Gen2 LED strip headers
	1 x RGB LED strip header
	2 x M.2 Socket 3 connectors
	4 x SATA 6Gb/s connectors
	1 x front panel header
	1 x front panel audio header
	1 x USB Type-C® header, with USB 3.2 Gen 1 support
	1 x USB 3.2 Gen 1 header
	2 x USB 2.0/1.1 headers
	1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0/GC-TPM2.0 SPI V2 module only)
	1 x reset button
	1 x reset jumper
	1 x Clear CMOS jumper
	1 x DisplayPort*
	1 x HDMI port*
	1 x PS/2 keyboard/mouse port
	1 x Q-Flash Plus button
	4 x USB 2.0/1.1 ports
	2 x USB 3.2 Gen 1 ports
	1 x USB 3.2 Gen 2 Type-A port (red)
	1 x USB Type-C® port, with USB 3.2 Gen 1 support
	1 x RJ-45 port
	2 x antenna connectors (2T2R)
	3 x audio jacks
	* Actual support may vary by CPU.
Internal I/O Connectors	
	iTE® I/O Controller Chip
	Voltage detection
	Temperature detection
	Fan speed detection
	Water cooling flow rate detection
	Fan fail warning
	Fan speed control
	1 x 256 Mbit flash
I/O Controller	
	Use of licensed AMI UEFI BIOS
	PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
	Support for GIGABYTE Control Center (GCC)
H/W Monitoring	
	Support for Q-Flash Plus
Back Panel Connectors	
	Support for Q-Flash
	Support Smart Backup
	Norton® Internet Security (OEM version)
BIOS	
	LAN bandwidth management software
Unique Features	
	Support for Windows 11 64-bit
Bundle Software	
	Support for Windows 10 64-bit
Operating System	

Form Factor

Micro ATX Form Factor; 24.4cm x 24.4cm