








2-2 Product Specifications





	CPU	<ul style="list-style-type: none"> ◆ LGA1700 socket: Support for the 14th, 13th and 12th Generation Intel® Core™, Pentium® Gold and Celeron® Processors (Go to GIGABYTE's website for the latest CPU support list.) ◆ L3 cache varies with CPU
	Chipset	<ul style="list-style-type: none"> ◆ Intel® B760 Express Chipset
	Memory	<ul style="list-style-type: none"> ◆ 14th and 13th Generation Intel® Core™ i9/i7 Processors: <ul style="list-style-type: none"> - Support for DDR5 5600/5200/4800/4400 MT/s memory modules ①② ◆ 13th Generation Intel® Core™ i5/i3 and 12th Generation Intel® Core™, Pentium® Gold and Celeron® Processors: <ul style="list-style-type: none"> - Support for DDR5 4800/4400 MT/s memory modules ①② ◆ Support for DDR4 3200/3000/2933/2666/2400/2133 MT/s memory modules ③④ ◆ 4 x DDR5 DIMM sockets supporting up to 192 GB (48 GB single DIMM capacity) of system memory ①② ◆ 4 x DDR4 DIMM sockets supporting up to 128 GB (32 GB single DIMM capacity) of system memory ③④ ◆ Dual channel memory architecture ◆ Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode) ◆ Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules ◆ Support for 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.)
	Onboard Graphics	<ul style="list-style-type: none"> ◆ Integrated Graphics Processor-Intel® HD Graphics support: <ul style="list-style-type: none"> - 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz <ul style="list-style-type: none"> * Support for DisplayPort 1.2 version and HDCP 2.3 - 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz <ul style="list-style-type: none"> * Support for HDCP 2.3. <p>(Graphics specifications may vary depending on CPU support.)</p>
	Audio	<ul style="list-style-type: none"> ◆ Realtek® Audio CODEC ◆ High Definition Audio ◆ 2/4/5.1/7.1-channel ◆ Support for S/PDIF Out <ul style="list-style-type: none"> * You can change the functionality of an audio jack using the audio software. To configure 7.1-channel audio, access the audio software for audio settings.
	LAN	<ul style="list-style-type: none"> ◆ Realtek® 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)
	Wireless Communication Module ①③	<ul style="list-style-type: none"> ◆ AMD Wi-Fi 6E RZ608 (MT7921K) (PCB rev. 1.0) <ul style="list-style-type: none"> - WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands - BLUETOOTH 5.2 - Support for 11ax 80MHz wireless standard <p>(Actual data rate may vary depending on environment and equipment.)</p>

① Only for B760 GAMING X AX.



② Only for B760 GAMING X.

③ Only for B760 GAMING X AX DDR4.

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	Wireless Communication Module ① ③	<ul style="list-style-type: none"> ◆ Intel® Wi-Fi 6E AX210 (PCB rev. 1.1) <ul style="list-style-type: none"> - WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands - BLUETOOTH 5.3 - Support for 11ax 160MHz wireless standard ◆ Intel® Wi-Fi 6E AX211 (PCB rev. 1.2) <ul style="list-style-type: none"> - WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands - BLUETOOTH 5.3 - Support for 11ax 160MHz wireless standard ◆ Realtek® Wi-Fi 6E RTL8852CE (PCB rev. 1.3) <ul style="list-style-type: none"> - WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands - BLUETOOTH 5.3 - Support for 11ax 160MHz wireless standard <p>(Actual data rate may vary depending on environment and equipment.)</p>
	Expansion Slots	<ul style="list-style-type: none"> ◆ CPU: <ul style="list-style-type: none"> - 1 x PCI Express x16 slot, supporting PCIe 4.0 and 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. ◆ Chipset: <ul style="list-style-type: none"> - 2 x PCI Express x16 slots, supporting PCIe 3.0 and running at x1 (PCIEX1_1, PCIEX1_2)
	Storage Interface	<ul style="list-style-type: none"> ◆ CPU: <ul style="list-style-type: none"> - 1 x M.2 connector (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2A_CPU) ◆ Chipset: <ul style="list-style-type: none"> - 2 x M.2 connectors (Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSD support) (M2P_SB, M2M_SB) - 4 x SATA 6Gb/s connectors ◆ RAID 0, RAID 1, RAID 5, and RAID 10 support for SATA storage devices
	USB	<ul style="list-style-type: none"> ◆ Chipset: <ul style="list-style-type: none"> - 1 x USB Type-C® port with USB 3.2 Gen 2 support, available through the internal USB header - 1 x USB 3.2 Gen 2 Type-A port (red) on the back panel - 1 x USB Type-C® port on the back panel, with USB 3.2 Gen 1 support ① ② - 3 x USB 3.2 Gen 1 ports (1 port on the back panel, 2 ports available through the internal USB header) ① ② - 4 x USB 3.2 Gen 1 ports (2 ports on the back panel, 2 ports available through the internal USB header) ③ ④ - 1 x USB 2.0/1.1 port on the back panel ◆ Chipset+2 USB 2.0 Hubs: <ul style="list-style-type: none"> - 8 x USB 2.0/1.1 ports (4 ports on the back panel, 4 ports available through the internal USB headers)

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	Internal Connectors	<ul style="list-style-type: none"> ◆ 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 ◆ 2 x addressable LED strip headers ◆ 2 x RGB LED strip headers ◆ 3 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 S/PDIF Out header ◆ 1 x USB Type-C® header, with USB 3.2 Gen 2 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 serial port header ◆ 1 x Q-Flash Plus button ◆ 1 x reset button ③④ ◆ 1 x reset jumper ◆ 1 x Clear CMOS jumper
	Back Panel Connectors	<ul style="list-style-type: none"> ◆ 1 x USB 3.2 Gen 2 Type-A port (red) ◆ 1 x USB Type-C® port, with USB 3.2 Gen 1 support ①② ◆ 1 x USB 3.2 Gen 1 port ①② ◆ 2 x USB 3.2 Gen 1 ports ③④ ◆ 5 x USB 2.0/1.1 ports ◆ 2 x SMA antenna connectors (2T2R) ①③ ◆ 1 x DisplayPort ◆ 1 x HDMI port ◆ 1 x RJ-45 port ◆ 6 x audio jacks

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	I/O Controller	<ul style="list-style-type: none"> ◆ iTE® I/O Controller Chip
	Hardware Monitor	<ul style="list-style-type: none"> ◆ Voltage detection ◆ Temperature detection ◆ Fan speed detection ◆ Water cooling flow rate detection ◆ Fan fail warning ◆ Fan speed control <ul style="list-style-type: none"> * Whether the fan (pump) speed control function is supported will depend on the fan (pump) you install.
	BIOS	<ul style="list-style-type: none"> ◆ 1 x 256 Mbit flash ◆ Use of licensed AMI UEFI BIOS ◆ PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
	Unique Features	<ul style="list-style-type: none"> ◆ Support for GIGABYTE Control Center (GCC) <ul style="list-style-type: none"> * Available applications in GCC may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications. ◆ Support for Q-Flash ◆ Support for Q-Flash Plus
	Bundled Software	<ul style="list-style-type: none"> ◆ Norton® Internet Security (OEM version) ◆ LAN bandwidth management software
	Operating System	<ul style="list-style-type: none"> ◆ Support for Windows 11 64-bit ◆ Support for Windows 10 64-bit
	Form Factor	<ul style="list-style-type: none"> ◆ ATX Form Factor; 30.5cm x 24.4cm

* GIGABYTE reserves the right to make any changes to the product specifications and product-related information without prior notice.

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<https://www.gigabyte.com/Support/Utility/Motherboard?m=ut>