2-2   Product Specifications

CPU	◆	LGA1700 socket: Support for 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	◆	Intel® B660 Express Chipset
Memory	◆	Support for DDR4 3200/3000/2933/2666/2400/2133 MHz memory modules
	◆	2 x DDR4 DIMM sockets supporting up to 64 GB (32 GB single DIMM capacity) of system memory
	◆	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 (Go to GIGABYTE's website for the latest supported memory speeds and memory modules.)

Onboard Graphics	◆	Integrated Graphics Processor-Intel® HD Graphics support:
		- 1 x DisplayPort, supporting a maximum resolution of 4096x2304@60 Hz
		    * Support for DisplayPort 1.2 version and HDCP 2.3
		- 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz
		    * Support for HDMI 2.0 version and HDCP 2.3.
		(Graphics specifications may vary depending on CPU support.)

Audio	◆	Realtek® Audio CODEC
	◆	High Definition Audio
	◆	2/4/5.1/7.1-channel
	◆	Support for S/PDIF Out * 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	◆	Intel® 2.5GbE LAN chip (2.5 Gbps/1 Gbps/100 Mbps)
Wireless Communication Module	◆	Intel® Wi-Fi 6 AX201 (For PCB rev. 1.0)
	◆	Intel® Wi-Fi 6 AX200 (For PCB rev. 1.1) - WIFI a, b, g, n, ac, ax, supporting 2.4/5 GHz Dual-Band - BLUETOOTH 5.2 - Support for 11ax 160MHz wireless standard and up to 2.4 Gbps data rate
	◆	Intel® Wi-Fi 6E AX211 (For PCB rev. 1.2) - WIFI a, b, g, n, ac, ax, supporting 2.4/5/6 GHz carrier frequency bands - BLUETOOTH 5.2 - Support for 11ax 160MHz wireless standard and up to 2.4 Gbps data rate (Actual data rate may vary depending on environment and equipment.)
Expansion Slots	◆	1 x PCI Express x16 slot, running at x16 (The PCIEX16 slot conforms to PCI Express 4.0 standard.)
Storage Interface	◆	CPU: - 1 x M.2 connector (Socket 3, M key, type 2260/2280 PCIe 4.0 x4/x2 SSD support)
	◆	Chipset: - 4 x SATA 6Gb/s connectors
	◆	Support for SATA RAID 0, RAID 1, RAID 5, and RAID 10

USB	◆	Chipset:
		- 1 x USB Type-C® port on the back panel, with USB 3.2 Gen 2 support
		- 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 (2 ports on the back panel, 2 ports available through the internal USB header)
	◆	Chipset+USB 3.2 Gen 1 Hub:
		- 4 x USB 3.2 Gen 1 ports on the back panel
Internal Connectors	◆	1 x 24-pin ATX main power connector
	◆	1 x 8-pin ATX 12V power connector
	◆	1 x CPU fan header
	◆	1 x water cooling CPU fan header
	◆	1 x system fan header
	◆	1 x addressable LED strip header
	◆	1 x RGB LED strip header
	◆	1 x M.2 Socket 3 connector
	◆	4 x SATA 6Gb/s connectors
	◆	1 x front panel header
	◆	1 x front panel audio header
	◆	1 x speaker header
	◆	1 x USB Type-C® header, with USB 3.2 Gen 1 support
	◆	1 x USB 3.2 Gen 1 header
	◆	1 x USB 2.0/1.1 header
	◆	1 x reset jumper
	◆	1 x Clear CMOS jumper
	◆	1 x chassis intrusion header
Back Panel Connectors	◆	1 x USB Type-C® port, with USB 3.2 Gen 2 support
	◆	1 x USB 3.2 Gen 2 Type-A port (red)
	◆	4 x USB 3.2 Gen 1 ports
	◆	2 x USB 2.0/1.1 ports
	◆	1 x DisplayPort
	◆	1 x HDMI 2.0 port
	◆	1 x Q-Flash Plus button
	◆	1 x RJ-45 port
	◆	2 x SMA antenna connectors (2T2R)
	◆	1 x optical S/PDIF Out connector
	◆	2 x audio jacks

I/O Controller	◆	iTE® I/O Controller Chip
Hardware Monitor	◆ ◆ ◆ ◆ ◆ ◆	Voltage detection Temperature detection Fan speed detection Water cooling flow rate detection Fan fail warning Fan speed control * Whether the fan speed control function is supported will depend on the cooler you install.
BIOS	◆ ◆ ◆	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	◆	Support for APP Center
		    * Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.
		  - @BIOS
		  - EasyTune
		  - Fast Boot
		  - Game Boost
		  - 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) LAN bandwidth management software
Operating System	◆ ◆	Support for Windows 11 64-bit Support for Windows 10 64-bit
Form Factor	◆	Mini-ITX Form Factor; 17.0cm x 17.0cm

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

Please visit GIGABYTE's website for support lists of CPU, memory modules, SSDs, and M.2 devices.

Please visit the **Support\Utility List** page on GIGABYTE's website to download the latest version of apps.