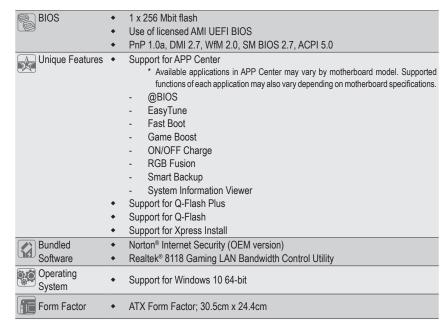
1-2 Product Specifications

CPU	 AMD Socket AM4, support for: 3rd Generation AMD Ryzen™ processors/ 3rd Generation AMD Ryzen™ with Radeon™ Graphics processors (Go to GIGABYTE's website for the latest CPU support list.)
Chipset	◆ AMD B550
Memory	 4 x DDR4 DIMM sockets supporting up to 128 GB (32 GB single DIMM capacity) of system memory Support for DDR4 3200/2933/2667/2400/2133 MHz memory modules Dual channel memory architecture Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules 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 in the 3rd Generation AMD Ryzen™ with Radeon™ Graphics processors: 1 x DVI-D port, supporting a maximum resolution of 1920x1200@60 Hz * The DVI-D port does not support D-Sub connection by adapter. 1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz * Support for HDMI 2.1 version, HDCP 2.3, and HDR. Maximum shared memory of 16 GB
Audio	Realtek® ALC887 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.
E_ LAN	Realtek® GbE LAN chip (1000 Mbit/100 Mbit)
Expansion Slots	1 x PCI Express x16 slot (PCIEX16), integrated in the CPU: 3rd Generation AMD Ryzen™ processors support PCle 4.0 x16 mode 3rd Generation AMD Ryzen™ with Radeon™ Graphics processors support PCle 3.0 x16 mode * For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot. 1 x PCI Express x16 slot (PCIEX2), integrated in the Chipset: Supporting PCle 3.0 x2 mode 3x PCI Express x1 slots (PCIEX1_1, PCIEX1_2, PCIEX1_3), integrated in the Chipset: Supporting PCle 3.0 x1 mode
Storage Interface	 1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 2242/2260/2280/22110 SSDs: 3rd Generation AMD Ryzen™ processors support SATA and PCle 4.0 x4/x2 SSDs 3rd Generation AMD Ryzen™ with Radeon™ Graphics processors support SATA and PCle 3.0 x4/x2 SSDs 1 x M.2 connector (M2B_SB), integrated in the Chipset, supporting Socket 3, M key, type 2242/2260/2280/22110 SSDs: Supporting SATA and PCle 3.0 x4/x2 SSDs 4 x SATA 6Gb/s connectors, integrated in the Chipset: Support for RAID 0, RAID 1, and RAID 10

USB Internal	 CPU: 1 x USB 3.2 Gen 2 Type-A port (red) on the back panel 3 x USB 3.2 Gen 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 2 x USB 3.2 Gen 1 ports available through the internal USB header 6 x USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers) 1 x 24-pin ATX main power connector
Connectors	 1 x 8-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 3 x system fan headers 2 x addressable LED strip headers 2 x RGB LED strip headers 1 x CPU cooler LED strip/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™ port, 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 (TPM) header (2x6 pin, for the GC-TPM2.0_S module only) 1 x Clear CMOS jumper
Back Panel Connectors	 2 x USB 2.0/1.1 ports 1 x PS/2 keyboard/mouse port 1 x DVI-D port 1 x HDMI port 3 x USB 3.2 Gen 1 ports 1 x USB 3.2 Gen 2 Type-A port (red) 1 x Q-Flash Plus button 1 x RJ-45 port 3 x audio jacks
I/O Controller Hardware Monitor	 iTE® I/O Controller Chip Voltage detection Temperature detection Fan speed detection Water cooling flow rate detection Overheating warning Fan fail warning Fan speed control Whether the fan speed control function is supported will depend on the cooler you install.



^{*} 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.