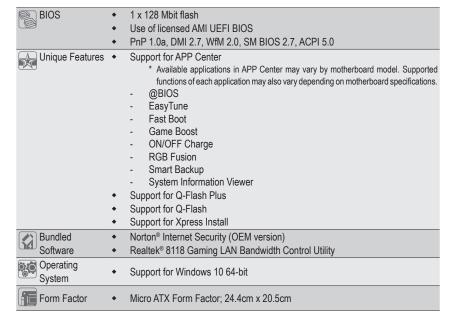
## 1-2 Product Specifications

CPU	<ul> <li>AMD Socket AM4, support for:</li> <li>3rd Generation AMD Ryzen™ processors/</li> <li>3rd Generation AMD Ryzen™ with Radeon™ Graphics processors</li> <li>(Go to GIGABYTE's website for the latest CPU support list.)</li> </ul>
Chipset	◆ AMD A520
Memory	<ul> <li>2 x DDR4 DIMM sockets supporting up to 64 GB (32 GB single DIMM capacity) of system memory</li> <li>Support for DDR4 3200/2933/2667/2400/2133 MHz memory modules</li> <li>Dual channel memory architecture</li> <li>Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules</li> <li>Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules</li> <li>Support for Extreme Memory Profile (XMP) memory modules (Go to GIGABYTE's website for the latest supported memory speeds and memory modules.)</li> </ul>
Onboard Graphics	<ul> <li>Integrated in the 3rd Generation AMD Ryzen™ with Radeon™ Graphics processors:         <ul> <li>1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz</li> <li>1 x DVI-D port, supporting a maximum resolution of 1920x1200@60 Hz</li> <li>* The DVI-D port does not support D-Sub connection by adapter.</li> <li>1 x HDMI port, supporting a maximum resolution of 4096x2160@60 Hz</li> <li>* Support for HDMI 2.1 version, HDCP 2.3, and HDR.</li> </ul> </li> <li>Support for up to 3 displays at the same time</li> <li>Maximum shared memory of 16 GB</li> </ul>
Audio	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.
P_ LAN	◆ Realtek® GbE LAN chip (1000 Mbit/100 Mbit)
Expansion Slots	<ul> <li>CPU:         <ul> <li>1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x16</li> </ul> </li> <li>Chipset:         <ul> <li>2 x PCI Express x1 slots, supporting PCIe 3.0</li> </ul> </li> </ul>
Storage Interface	<ul> <li>CPU:         <ul> <li>1 x M.2 connector (Socket 3, M key, type 2242/2260/2280 SATA and PCIe 3.0 x4/x2 SSD support)</li> </ul> </li> <li>Chipset:         <ul> <li>4 x SATA 6Gb/s connectors</li> <li>Support for RAID 0, RAID 1, and RAID 10</li> </ul> </li> </ul>

<b>USB</b>	◆ CPU:
	- 4 x USB 3.2 Gen 1 ports on the back panel
	Chipset:
	- 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)
[ Internal	1 x 24-pin ATX main power connector
Connectors	<ul> <li>1 x 8-pin ATX 12V power connector</li> </ul>
	1 x CPU fan header
	2 x system fan headers
	<ul> <li>1 x addressable LED strip header</li> </ul>
	1 x RGB LED strip header
	1 x M.2 Socket 3 connector
	<ul> <li>4 x SATA 6Gb/s connectors</li> </ul>
	1 x front panel header
	1 x front panel audio header
	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 serial port header
	1 x speaker header
	1 x chassis intrusion header
	1 x Clear CMOS jumper
Back Panel	1 x PS/2 keyboard/mouse port
Connectors	1 x D-Sub port
	◆ 1 x DVI-D port
	1 x HDMI port
	4 x USB 3.2 Gen 1 ports
	• 2 x USB 2.0/1.1 ports
	◆ 1 x RJ-45 port
	1 x Q-Flash Plus button
	3 x audio jacks
I/O Controller	
Hardware	Voltage detection
Monitor	Temperature detection
	Fan speed detection
	Overheating warning
	Fan fail warning
	Fan speed control
	* Whether the fan speed control function is supported will depend on the fan 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.