

Unique Feature	<p>ASRock USB 3.2 Gen2</p> <ul style="list-style-type: none"> - ASRock USB 3.2 Gen2x2 Type-C Port (20 Gb/s) - ASRock USB 3.2 Gen2 Type-A Port (10 Gb/s) <p>ASRock Super Alloy</p> <ul style="list-style-type: none"> - Premium Power Choke - 50A Dr.MOS - Nichicon 12K Black Caps (100% Japan made high quality conductive polymer capacitors) - Sapphire Black PCB - High Density Glass Fabric PCB - 8 Layer PCB <p>2.5G LAN</p> <p>802.11ax Wi-Fi 6E</p> <p>ASRock Steel Slot</p> <p>ASRock Full Coverage M.2 Heatsink</p> <p>ASRock Hyper M.2 (PCIe Gen4x4)</p> <p>ASRock Full Spike Protection (for all USB, Audio, LAN Ports)</p> <p>ASRock Live Update & APP Shop</p>
CPU	<ul style="list-style-type: none"> - Supports 12th Gen Intel® Core™ Processors (LGA1700) - Digi Power design - 8 Power Phase design - Supports Intel® Hybrid Technology - Supports Intel® Turbo Boost Max 3.0 Technology
Chipset	<ul style="list-style-type: none"> - Intel® H670
Memory	<ul style="list-style-type: none"> - Dual Channel DDR4 Memory Technology - 2 x DDR4 DIMM Slots - Supports DDR4 non-ECC, un-buffered memory up to 5000+(OC)* - Supports ECC UDIMM memory modules (operate in non-ECC mode) - Max. capacity of system memory: 64GB - Supports Intel® Extreme Memory Profile (XMP) 2.0 <p>*Supports DDR4 3200 natively.</p>
BIOS	<ul style="list-style-type: none"> - 128Mb AMI UEFI Legal BIOS with multilingual GUI support - ACPI 6.0 Compliant wake up events - SMBIOS 2.7 Support - CPU Core/Cache, CPU GT, DRAM, VCCIN AUX, +1.05V PROC, +1.8V PROC, +0.82V PCH, +1.05V PCH Voltage Multi-adjustment
Graphics	<ul style="list-style-type: none"> - Intel® Xe Graphics Architecture (Gen 12) - Dual graphics output: support HDMI and DisplayPort 1.4 ports by independent display controllers - Supports HDMI 2.1 TMDS Compatible with max. resolution up to 4K x 2K (4096x2160) @ 60Hz - Supports DisplayPort 1.4 with DSC (compressed) max. resolution up to 8K (7680x4320) @ 60Hz / 5K (5120x3200) @ 120Hz

	<ul style="list-style-type: none"> - Supports HDCP 2.3 with HDMI 2.1 TMDS Compatible and DisplayPort 1.4 Ports <p>*Intel® UHD Graphics Built-in Visuals and the VGA outputs can be supported only with processors which are GPU integrated.</p>
Audio	<ul style="list-style-type: none"> - 7.1 CH HD Audio (Realtek ALC897 Audio Codec) - Supports Surge Protection - Nahimic Audio
LAN	<p>1 x 2.5 Gigabit LAN 10/100/1000/2500 Mb/s (Dragon RTL8125BG)</p> <ul style="list-style-type: none"> - Supports Dragon 2.5G LAN Software <ul style="list-style-type: none"> - Smart Auto Adjust Bandwidth Control - Visual User Friendly UI - Visual Network Usage Statistics - Optimized Default Setting for Game, Browser, and Streaming Modes - User Customized Priority Control - Supports Wake-On-LAN - Supports Lightning/ESD Protection - Supports Energy Efficient Ethernet 802.3az - Supports PXE 1 x Gigabit LAN 10/100/1000 Mb/s (Intel® I219V) - Supports Wake-On-LAN - Supports Lightning/ESD Protection - Supports Energy Efficient Ethernet 802.3az - Supports UEFI PXE
Wireless LAN	<ul style="list-style-type: none"> - 802.11ax Wi-Fi 6E Module - Supports IEEE 802.11a/b/g/n/ax - Supports Dual-Band 2x2 160MHz with extended 6GHz band support* - 2 antennas to support 2 (Transmit) x 2 (Receive) diversity technology - Supports Bluetooth + High speed class II - Supports MU-MIMO <p>*Wi-Fi 6E (6GHz band) will be supported by Microsoft® Windows® 11. The availability will depend on the different regulation status of each country and region. It will be activated (for supported countries) through Windows® Update and software updates once available. A 6GHz compatible router is required for 6E functionality.</p>
Slots	<ul style="list-style-type: none"> - 1 x PCIe Gen5x16 Slot* - 1 x Vertical M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module and Intel® CNVi (Integrated WiFi/BT) <p>*Supports PCIe riser cards to extend one x16 slot to two x8 slots Supports NVMe SSD as boot disks</p>
Storage	<ul style="list-style-type: none"> - 4 x SATA3 6.0 Gb/s Connectors - 1 x Hyper M.2 Socket (M2_1, Key M), supports type 2280 PCIe Gen4x4 (64 Gb/s) mode* - 1 x Hyper M.2 Socket (M2_2, Key M), supports type 2280 SATA3 6.0 Gb/s & PCIe Gen4x4 (64 Gb/s) modes* <p>*Supports Intel® Optane™ Technology Supports Intel® Volume Management Device (VMD) Supports NVMe SSD as boot disks Supports ASRock U.2 Kit</p>

RAID	<ul style="list-style-type: none"> - Supports RAID 0, RAID 1, RAID 5 and RAID 10 for SATA storage devices - Supports RAID 0, RAID 1 and RAID 5 for M.2 NVMe storage devices* <p>*Requires additional M.2 NVMe expansion cards to support RAID 5</p>
Connector	<ul style="list-style-type: none"> - 1 x RGB LED Header* - 1 x Addressable LED Header** - 1 x CPU Fan Connector (4-pin)*** - 1 x Chassis Fan Connector (4-pin)**** - 1 x Chassis/Water Pump Fan Connector (4-pin) (Smart Fan Speed Control)***** - 1 x 24 pin ATX Power Connector - 1 x 8 pin 12V Power Connector (Hi-Density Power Connector) - 1 x Front Panel Audio Connector - 1 x USB 2.0 Header (Supports 2 USB 2.0 ports) (Supports ESD Protection) - 1 x USB 3.2 Gen1 Header (Supports 2 USB 3.2 Gen1 ports) (Supports ESD Protection) - 1 x Front Panel Type C USB 3.2 Gen1 Header (Supports ESD Protection) <p>*Supports in total up to 12V/3A, 36W LED Strip</p> <p>**Supports in total up to 5V/3A, 15W LED Strip</p> <p>***The CPU Fan Connector supports the CPU fan of maximum 1A (12W) fan power.</p> <p>****The Chassis Fan Connector supports the chassis fan of maximum 1A (12W) fan power.</p> <p>*****The Chassis/Water Pump Fan supports the water cooler fan of maximum 2A (24W) fan power. CHA_FAN1/WP can auto detect if 3-pin or 4-pin fan is in use.</p>
Rear Panel I/O	<ul style="list-style-type: none"> - 2 x Antenna Ports - 1 x HDMI Port - 1 x DisplayPort 1.4 - 2 x USB 3.2 Gen2 Ports (10 Gb/s) (Supports ESD Protection) - 1 x USB 3.2 Gen2x2 Type-C Port (20 Gb/s) (Supports ESD Protection) - 4 x USB 2.0 Ports (Supports ESD Protection) - 2 x RJ-45 LAN Ports with LED (ACT/LINK LED and SPEED LED) - 1 x BIOS Flashback Button - HD Audio Jacks: Line in / Front Speaker / Microphone
Software and UEFI	<p>Software</p> <ul style="list-style-type: none"> - ASRock Motherboard Utility (A-Tuning) - ASRock Dragon 2.5G LAN Software - ASRock Polychrome SYNC* <p>UEFI</p> <ul style="list-style-type: none"> - ASRock EZ Mode - ASRock Full HD UEFI - ASRock My Favorites in UEFI - ASRock Instant Flash - ASRock Internet Flash - ASRock Easy RAID Installer <p>*These utilities can be downloaded from ASRock Live Update & APP Shop.</p>

Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version)
Accessories	- Quick Installation Guide, Support CD, I/O Shield - 2 x SATA Data Cables - 2 x ASRock WiFi 2.4/5/6 GHz Antennas - 2 x Screws for M.2 Sockets
Hardware Monitor	- Fan Tachometer: CPU, Chassis, Chassis/Water Pump Fans - Quiet Fan (Auto adjust chassis fan speed by CPU temperature): CPU, Chassis, Chassis/Water Pump Fans - Fan Multi-Speed Control: CPU, Chassis, Chassis/Water Pump Fans - Voltage monitoring: CPU Vcore, +12V, +5V, +3.3V
Form Factor	- Mini-ITX Form Factor: 6.7-in x 6.7-in, 17.0 cm x 17.0 cm - 8 Layer PCB
OS	- Microsoft® Windows® 10 64-bit / 11 64-bit
Certifications	- FCC, CE - ErP/EuP ready (ErP/EuP ready power supply is required)

The specification is subject to change without notice in advance. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.