



incl. 19% VAT, plus shipping

- Supports 9th and 8th Gen Intel® Core™ Processors
- Dual Channel Non-ECC Unbuffered DDR4
- New Hybrid Digital PWM Design
- Intel® CNVi 802.11ac Wave2 2T2R WIFI
- High Quality Audio Capacitors and Audio Noise Guard
- Ultra-Fast M.2 with PCIe Gen3 X4 & SATA interface
- RGB FUSION supports RGB LED strips in 7 colors
- Dual Intel® GbE LAN with cFosSpeed Internet Accelerator Software
- CEC 2019 Ready, Save the Power as Easy as One Click
- Smart Fan 5 features Multiple Temperature Sensors and Hybrid Fan Headers with FAN STOP
- Anti-Sulfur Resistors Design
- Ultra Durable™ 25KV ESD and 15KV Surge LAN Protection
- Intel® Optane™ Memory Ready
- GIGABYTE UEFI DualBIOS™

CPU	1. Support for 9th and 8th Generation Intel® Core™ i7 processors/Intel® Core™ i5 processors/Intel® Core™ i3 processors/Intel® Pentium® processors/Intel® Celeron® processors in the LGA1151 package
	2. L3 cache varies with CPU (Please refer "CPU Support List" for more information.)
Chipset	1. Intel® B360 Express Chipset
Memory	1. 2 x DDR4 DIMM sockets supporting up to 32 GB of system memory
	2. Dual channel memory architecture
	3. Support for DDR4 2666/2400/2133 MHz memory modules
	4. Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules (operate in non-ECC mode)
	5. Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules
	6. Support for Extreme Memory Profile (XMP) memory modules * To support 2666 MHz or XMP memory, you must install an 8th Generation Intel® Core™ i7/i5 processor. (Please refer "Memory Support List" for more information.)
Onboard Graphics	Integrated Graphics Processor-Intel® HD Graphics support:
	1. 2 x HDMI ports, supporting a maximum resolution of 4096x2160@30 Hz * Support for HDMI 1.4 version and HDCP 2.2. Maximum shared memory of 1 GB Actual support may vary by CPU
Audio	1. Realtek® ALC887 codec
	2. High Definition Audio
	3. 2/4/5.1/7.1-channel
	4. Support for S/PDIF Out
LAN	1. 2 x Intel® GbE LAN chips (10/100/1000 Mbit)
Wireless Communication module	1. Intel® CNVi interface 802.11a/b/g/n/ac, supporting 2.4/5 GHz Dual-Band
	2. BLUETOOTH 5
	3. Support for 11ac 160 MHz wireless standard and up to 1.73 Gbps data rate * Actual data rate may vary depending on environment and equipment.

Expansion Slots

1. 1 x PCI Express x16 slot, running at x16
(The PCIEX16 slot conforms to PCI Express 3.0 standard.)

Chipset:**Storage Interface**

1. 1 x M.2 connector (Socket 3, M key, type 2242/2260/2280 SATA and PCIe x4/x2 SSD support) (M2A_32G)
2. 1 x M.2 connector on the back of the motherboard (Socket 3, M key, type 2260/2280 PCIe x4/x2 SSD support) (M.2)
3. 4 x SATA 6Gb/s connectors
4. Support for RAID 0, RAID 1, RAID 5, and RAID 10

Intel® Optane™ Memory Ready

Chipset:**USB**

1. 6 x USB 3.1 Gen 1 ports (4 ports on the back panel, 2 ports available through the internal USB header)
2. 4 x USB 2.0/1.1 ports (2 ports on the back panel, 2 ports available through the internal USB header)

	• 1 x 24-pin ATX main power connector • 1 x 4-pin ATX 12V power connector • 4 x SATA 6Gb/s connectors • 1 x M.2 Socket 3 connector • 1 x CPU fan header • 2 x system fan headers • 1 x RGB LED strip header
Internal I/O Connectors	• 1 x front panel header • 1 x front panel audio header • 1 x S/PDIF Out header • 1 x USB 3.1 Gen 1 header • 1 x USB 2.0/1.1 header • 4 x serial port headers • 1 x speaker header • 1 x Clear CMOS jumper • 1 x chassis intrusion header
	• 1 x PS/2 keyboard/mouse port • 2 x HDMI ports • 4 x USB 3.1 Gen 1 ports
Back Panel Connectors	• 2 x USB 2.0/1.1 ports • 2 x RJ-45 ports • 2 x SMA antenna connectors (2T2R) • 6 x audio jacks
I/O Controller	1. iTE® I/O Controller Chip

H/W Monitoring	1. Voltage detection
	2. Temperature detection
	3. Fan speed detection
	4. Overheating warning
	5. Fan fail warning
	6. Fan speed control * Whether the fan speed control function is supported will depend on the cooler you install.
BIOS	1. 2 x 128 Mbit flash
	2. Use of licensed AMI UEFI BIOS
	3. Support for DualBIOS™
	4. 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.
	3D OSD
	@BIOS
	AutoGreen
	BIOS Setup
	Color Temperature
	Cloud Station
	EasyTune
	Easy RAID
	Fast Boot
	Game Boost
	ON/OFF Charge
	Platform Power Management
	RGB Fusion
	Smart Backup
	Smart Keyboard
	Smart TimeLock
	Smart HUD
	System Information Viewer
	USB Blocker
	V-Tuner
	• Support for Q-Flash
	• Support for Xpress Install
Bundle Software	1. Norton® Internet Security (OEM version)
	2. cFosSpeed

Operating System	1. Support for Windows 10 64-bit
Form Factor	1. Mini-ITX Form Factor; 17.0cm x 17.0cm
Remark	1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website. 2. Most hardware/software vendors may no longer offer drivers to support Win9X/ME/2000/XP. If drivers are available from the vendors, we will update them on the GIGABYTE website.