



#### 999.00 EUR

incl. 19% VAT, plus shipping

- 2x HDMI!
- Dual Gigabit LAN!
- Gigabyte Features!
- M.2 slot!



- Supports 9th and 8th Gen Intel<sup>®</sup> Core<sup>™</sup> Processors
- Dual Channel Non-ECC Unbuffered DDR4
- New Hybrid Digital PWM Design
- Intel<sup>®</sup> CNVi 802.11ac Wave2 2T2R WIFI
- High Quality Audio Capacitors and Audio Noise Guard
- Ultra-Fast M.2 with PCle Gen3 X4 & SATA interface
- RGB FUSION supports RGB LED strips in 7 colors
- Dual Intel<sup>®</sup> 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<sup>®</sup> Optane<sup>™</sup> Memory Ready
- GIGABYTE UEFI DualBIOS™



CPU	<ol> <li>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</li> </ol>
	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
	<ol> <li>Support for Extreme Memory Profile (XMP) memory modules</li> <li>* To support 2666 MHz or XMP memory, you must install an 8th Generation Intel® Core™ i7/i5 processor.</li> </ol>
	(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:

 1 x M.2 connector (Socket 3, M key, type 2242/2260/2280 SATA and PCIe x4/x2 SSD support) (M2A\_32G)

# Storage Interface

- 2. 1 x M.2 connector on the back of the motherboard (Socket 3, M key, type 2260/2280 PCle 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



- 1. Voltage detection
- 2. Temperature detection
- 3. Fan speed detection

#### H/W Monitoring

- 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.
- 1. 2 x 128 Mbit flash
- 2. Use of licensed AMI UEFI BIOS

#### **BIOS**

- 4. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
- Support for APP Center

3. Support for DualBIOS™

\* 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
- 1. Norton® Internet Security (OEM version)

### **Bundle Software**

**Unique Features** 

2. cFosSpeed



Operating System

1. Support for Windows 10 64-bit

Form Factor

- 1. Mini-ITX Form Factor; 17.0cm x 17.0cm
- 1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.

Remark

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.