



999.00 EUR

incl. 19% VAT, plus [shipping](#)

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



- 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™

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|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br><br>(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<br>* To support 2666 MHz or XMP memory, you must install an 8th Generation Intel® Core™ i7/i5 processor.<br><br>(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<br>* Support for HDMI 1.4 version and HDCP 2.2.<br><br>Maximum shared memory of 1 GB<br>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<br>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<br>* 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)

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | <ul style="list-style-type: none"><li>• 1 x 24-pin ATX main power connector</li><li>• 1 x 4-pin ATX 12V power connector</li><li>• 4 x SATA 6Gb/s connectors</li><li>• 1 x M.2 Socket 3 connector</li><li>• 1 x CPU fan header</li><li>• 2 x system fan headers</li><li>• 1 x RGB LED strip header</li></ul>                                               |
| Internal I/O Connectors | <ul style="list-style-type: none"><li>• 1 x front panel header</li><li>• 1 x front panel audio header</li><li>• 1 x S/PDIF Out header</li><li>• 1 x USB 3.1 Gen 1 header</li><li>• 1 x USB 2.0/1.1 header</li><li>• 4 x serial port headers</li><li>• 1 x speaker header</li><li>• 1 x Clear CMOS jumper</li><li>• 1 x chassis intrusion header</li></ul> |
|                         | <ul style="list-style-type: none"><li>• 1 x PS/2 keyboard/mouse port</li><li>• 2 x HDMI ports</li><li>• 4 x USB 3.1 Gen 1 ports</li></ul>                                                                                                                                                                                                                 |
| Back Panel Connectors   | <ul style="list-style-type: none"><li>• 2 x USB 2.0/1.1 ports</li><li>• 2 x RJ-45 ports</li><li>• 2 x SMA antenna connectors (2T2R)</li><li>• 6 x audio jacks</li></ul>                                                                                                                                                                                   |
| I/O Controller          | 1. iTE® I/O Controller Chip                                                                                                                                                                                                                                                                                                                               |

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|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H/W Monitoring  | 1. Voltage detection                                                                                                                                                                             |
|                 | 2. Temperature detection                                                                                                                                                                         |
|                 | 3. Fan speed detection                                                                                                                                                                           |
|                 | 4. Overheating warning                                                                                                                                                                           |
|                 | 5. Fan fail warning                                                                                                                                                                              |
|                 | 6. Fan speed control<br>* 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<br>* 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                                                                                                                                                                                     |

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| Operating System | 1. Support for Windows 10 64-bit                                                                                                                                                                                                                                                                                                                                   |
| Form Factor      | 1. Mini-ITX Form Factor; 17.0cm x 17.0cm                                                                                                                                                                                                                                                                                                                           |
| Remark           | <div>1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.</div> <div>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.</div> |