



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

- Intel WiFi, Intel WiDi !
- Dual Gigabit LAN !
- Gigabyte Features !
- Intel Haswell !

- Supports 4<sup>th</sup> and 5<sup>th</sup> Generation Intel® Core™ processors
- Intel and Qualcomm Atheros gaming networking
- Bluetooth 4.0 + 867Mbps 11AC dual band WIFI card
- HD Audio support
- Highly efficient MOSFET design
- Long lifespan Durable Solid caps
- LAN with high ESD Protection
- GIGABYTE LAN Optimizer
- APP Center including EasyTune™ and Cloud Station™ utilities
- GIGABYTE UEFI DualBIOS™
- Intel® Small Business Advantage

**CPU**

1. Support for Intel® Core™ i7 processors/Intel® Core™ i5 processors/ Intel® Core™ i3 processors/Intel® Pentium® processors/Intel® Celeron® processors in the LGA1150 package

2. L3 cache varies with CPU

(Please refer "CPU Support List" for more information.)

**Chipset**

1. Intel® H97 Express Chipset

**Memory**

1. 2 x DDR3 DIMM sockets supporting up to 16 GB of system memory

\* Due to a Windows 32-bit operating system limitation, when more than 4 GB of physical memory is installed, the actual memory size displayed will be less than the size of the physical memory installed.

2. Dual channel memory architecture

3. Support for DDR3 1600/1333 MHz memory modules

4. Support for non-ECC memory modules

5. Support for Extreme Memory Profile (XMP) memory modules

(Please refer "Memory Support List" for more information.)

Integrated Graphics Processor:

**Onboard Graphics**

1. 1 x DVI-I port, supporting a maximum resolution of 1920x1200@60Hz

2. 2 x HDMI ports, supporting a maximum resolution of 4096x2160@24Hz or 2560x1600@60Hz  
\* Support for HDMI 1.4a version.

3. Support for up to 3 displays at the same time

\* To set up a triple-display configuration, you must connect a D-Sub monitor using a DVI-to-D-Sub adapter.

4. Maximum shared memory of 1 GB

**Audio**

1. Realtek® ALC892 codec

2. High Definition Audio

3. 2/4/5.1/7.1-channel

4. Support for S/PDIF Out

**LAN**

1. Intel® GbE LAN chip (10/100/1000 Mbit)(LAN1)

2. Atheros® GbE LAN chip (10/100/1000 Mbit)(LAN2)

Wireless  
Communication module

1. Wi-Fi 802.11 a/b/g/n/ac, supporting 2.4/5 GHz Dual-Band
2. Bluetooth 4.0, 3.0+HS, 2.1+EDR
3. Support for 11ac wireless standard and up to 867 Mbps 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.)
2. 1 x mini-PCI Express slot for the wireless communication module

Storage Interface

Chipset:

1. 6 x SATA 6Gb/s connectors
2. Support for RAID 0, RAID 1, RAID 5, and RAID 10

USB

Chipset:

1. 4 x USB 2.0/1.1 ports (2 ports on the back panel, 2 ports available through the internal USB header)
2. 6 x USB 3.0/2.0 ports (4 ports on the back panel, 2 ports available through the internal USB header)

Internal I/O Connectors

1. 1 x 24-pin ATX main power connector
2. 1 x 4-pin ATX 12V power connector
3. 6 x SATA 6Gb/s connectors
4. 1 x CPU fan header
5. 1 x system fan header
6. 1 x front panel header
7. 1 x front panel audio header
8. 1 x USB 3.0/2.0 header
9. 1 x USB 2.0/1.1 header
10. 1 x serial port header
11. 1 x S/PDIF Out header
12. 1 x Clear CMOS jumper
13. 1 x chassis intrusion header

---

|                       |                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------|
|                       | 1. 1 x PS/2 keyboard/mouse port                                                                |
|                       | 2. 2 x HDMI ports                                                                              |
|                       | 3. 2 x SMA antenna connectors (2T2R)                                                           |
|                       | 4. 1 x DVI-I port                                                                              |
| Back Panel Connectors | 5. 4 x USB 3.0/2.0 ports                                                                       |
|                       | 6. 2 x USB 2.0/1.1 ports                                                                       |
|                       | 7. 2 x RJ-45 ports                                                                             |
|                       | 8. 1 x optical S/PDIF Out connector                                                            |
|                       | 9. 5 x audio jacks (Center/Subwoofer Speaker Out, Rear Speaker Out, Line In, Line Out, Mic In) |
| I/O Controller        | 1. iTE® I/O Controller Chip                                                                    |
|                       | 1. System voltage detection                                                                    |
|                       | 2. CPU/System temperature detection                                                            |
| H/W Monitoring        | 3. CPU/System fan speed detection                                                              |
|                       | 4. CPU/System fan speed control                                                                |
|                       | * Whether the fan speed control function is supported will depend on the cooler you install.   |
|                       | 1. 2 x 64 Mbit flash                                                                           |
|                       | 2. Use of licensed AMI UEFI BIOS                                                               |
| BIOS                  | 3. Support for DualBIOS™                                                                       |
|                       | 4. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0                                           |

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unique Features  | <ol style="list-style-type: none"> <li>Support for APP Center <ul style="list-style-type: none"> <li>* Available applications in APP Center may differ by motherboard model. Supported functions of each application may also differ depending on motherboard specifications.</li> <li>@BIOS</li> <li>EasyTune</li> <li>EZ Setup</li> <li>Fast Boot</li> <li>Cloud Station</li> <li>ON/OFF Charge</li> <li>Smart TimeLock</li> <li>Smart Recovery 2</li> <li>System Information Viewer</li> <li>USB Blocker</li> </ul> </li> <li>Support for Q-Flash</li> <li>Support for Smart Switch</li> <li>Support for Xpress Install</li> </ol> |
| Bundle Software  | <ol style="list-style-type: none"> <li>Norton® Internet Security (OEM version)</li> <li>Intel® Rapid Start Technology</li> <li>Intel® Smart Connect Technology</li> <li>Intel® Smart Response Technology</li> <li>Intel® Small Business Advantage</li> <li>Intel® Wireless Display</li> </ol>                                                                                                                                                                                                                                                                                                                                         |
| Operating System | <ol style="list-style-type: none"> <li>Support for Windows 8.1/8/7</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Form Factor      | <ol style="list-style-type: none"> <li>Mini-ITX Form Factor; 17.0cm x 17.0cm</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Remark           | <ol style="list-style-type: none"> <li>Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.</li> <li>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.</li> </ol>                                                                                                                                                                                                                                     |