

999.00 EUR

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

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



- Supports 4<sup>th</sup> Generation Intel® Core™ processors
- Mini ITX Form Factor (17\*17cm)
- GIGABYTE Ultra Durable™ 4 Plus Technology
- Supports Intel® WiFi/ WIDI technology
- Integrated Bluetooth 4.0 and Intel Wi-Fi module
- GIGABYTE Hybrid digital power engine
- GIGABYTE UEFI DualBIOS™
- GIGABYTE 333™ Onboard Acceleration (USB 3.0, SATA 3.0 & 3x USB Power)
- GIGABYTE On/Off Charge™ for USB devices
- Dual LAN with high ESD Protection
- Dual HDMI 1.4 and DVI-I ports
- Intel® Small Business Advantage

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

#### CPU

2. L3 cache varies with CPU

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

#### Chipset

1. Intel® H87 Express Chipset

#### Memory

1. 2 x 1.5V 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.)

#### Onboard Graphics

- Integrated Graphics Processor:
1. 1 x DVI-I port, supporting a maximum resolution of 1920x1200
  2. 2 x HDMI ports, supporting a maximum resolution of 4096x2160  
\* Support for HDMI 1.4a version.
  3. 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)  
\* Teaming is not supported.

#### Wireless Communication module

1. Wi-Fi 802.11 b/g/n, supporting 2.4 GHz Single-Band
2. Bluetooth 4.0, 3.0+HS, 2.1+EDR

#### 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. 4 x SATA 6Gb/s connectors supporting up to 4 SATA 6Gb/s devices
  2. Support for RAID 0, RAID 1, RAID 5, and RAID 10

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Chipset:                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| USB                     | <ol style="list-style-type: none"><li>Up to 4 USB 2.0/1.1 ports (2 ports on the back panel, 2 ports available through the internal USB header)</li><li>Up to 6 USB 3.0/2.0 ports (4 ports on the back panel, 2 ports available through the internal USB header)</li></ol>                                                                                                                                                                             |
| Internal I/O Connectors | <ol 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 CPU fan header</li><li>1 x system fan header</li><li>1 x front panel header</li><li>1 x front panel audio header</li><li>1 x USB 3.0/2.0 header</li><li>1 x USB 2.0/1.1 header</li><li>1 x serial port header</li><li>1 x S/PDIF Out header</li><li>1 x Clear CMOS jumper</li></ol> |
| Back Panel Connectors   | <ol style="list-style-type: none"><li>1 x PS/2 keyboard/mouse port</li><li>2 x HDMI ports</li><li>2 x antenna connectors</li><li>1 x DVI-I port</li><li>4 x USB 3.0/2.0 ports</li><li>2 x USB 2.0/1.1 ports</li><li>2 x RJ-45 ports</li><li>1 x optical S/PDIF Out connector</li><li>5 x audio jacks (Center/Subwoofer Speaker Out, Rear Speaker Out, Line In, Line Out, Mic In)</li></ol>                                                            |
| I/O Controller          | <ol style="list-style-type: none"><li>iTE® I/O Controller Chip</li></ol>                                                                                                                                                                                                                                                                                                                                                                              |

|                  |                                                                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H/W Monitoring   | 1. System voltage detection                                                                                                                                                                           |
|                  | 2. CPU/System temperature detection                                                                                                                                                                   |
|                  | 3. CPU/System fan speed detection                                                                                                                                                                     |
|                  | 4. CPU/System fan speed control<br>* Whether the fan speed control function is supported will depend on the cooler you install.                                                                       |
| BIOS             | 1. 2 x 64 Mbit flash                                                                                                                                                                                  |
|                  | 2. Use of licensed AMI EFI BIOS                                                                                                                                                                       |
|                  | 3. Support for DualBIOS™                                                                                                                                                                              |
|                  | 4. PnP 1.0a, DMI 2.0, SM BIOS 2.6, ACPI 2.0a                                                                                                                                                          |
| Unique Features  | 1. Support for Q-Flash                                                                                                                                                                                |
|                  | 2. Support for Xpress Install                                                                                                                                                                         |
|                  | 3. Support for APP Center<br>* Available applications in APP Center may differ by motherboard model. Supported functions of each application may also differ depending on motherboard specifications. |
|                  | @BIOS                                                                                                                                                                                                 |
|                  | EasyTune                                                                                                                                                                                              |
|                  | EZ Setup                                                                                                                                                                                              |
|                  | Smart TimeLock                                                                                                                                                                                        |
|                  | USB Blocker                                                                                                                                                                                           |
|                  | 4. Support for ON/OFF Charge                                                                                                                                                                          |
|                  | 5. Support for Wi-Fi Share                                                                                                                                                                            |
|                  | 6. Support for Cloud Station                                                                                                                                                                          |
|                  |                                                                                                                                                                                                       |
| Bundle Software  | 1. Norton Internet Security (OEM version)                                                                                                                                                             |
|                  | 2. Intel® Rapid Start Technology                                                                                                                                                                      |
|                  | 3. Intel® Smart Connect Technology                                                                                                                                                                    |
|                  | 4. Intel® Smart Response Technology                                                                                                                                                                   |
|                  | 5. Intel® Small Business Advantage                                                                                                                                                                    |
|                  | 6. Intel® Wireless Display                                                                                                                                                                            |
| Operating System | 1. Support for Windows 8/7                                                                                                                                                                            |
| 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.