



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

- Intel WiFi, Intel WiDi !
- Dual Gigabit LAN !
- Gigabyte Features !
- Intel Ivy/Sandy Bridge !

**Features :**

- Intel Z77
- RAM: 2x DDR3
- Expansion: 1x PCIe 3.0 x16
- External: 1x DVI-I, 2x HDMI, 2x USB 3.0, 4x USB 2.0, 2x Gb LAN (Realtek), 7.1 Audio (ALC892), 1x PS/2 Combo
- Internal: 2x USB 3.0, 2x USB 2.0, 2x SATA 6Gb/s, 2x SATA II, 1x CPU-Lüfter PWM, 1x Lüfter PWM, 1x serial
- Notes: Mini-ITX, UEFI, All Solid Capacitors, WLAN 802.11b/g/n, Bluetooth 4.0

1. Support for Intel® Core™ i7 processors/Intel® Core™ i5 processors/Intel® Core™ i3 processors/Intel® Pentium® processors/Intel® Celeron® processors in the LGA1155 package

**CPU**

2. L3 cache varies with CPU

(Some Intel® Core™ processors require a graphic card, please refer "CPU support List" for more information.)

**Chipset**

1. Intel® Z77 Express Chipset

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

**Memory**

3. Support for DDR3 1600/1333/1066/800 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
2. 2 x HDMI ports, supporting a maximum resolution of 1920x1200

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. 2 x Realtek GbE LAN chip (10/100/1000 Mbit)

Wireless  
Communication  
module

1. Wi-Fi 802.11 b/g/n, Supports Intel Wireless Display (WiDi)
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.)  
\* Whether PCI Express 3.0 is supported depends on CPU and graphics card compatibility.

Chipset:

Storage  
Interface

1. 2 x SATA 6Gb/s connectors (SATA3 0/1) supporting up to 2 SATA 6Gb/s devices
2. 2 x SATA 3Gb/s connectors (SATA2 2/3) supporting up to 2 SATA 3Gb/s devices
3. Support for RAID 0, RAID 1, RAID 5, and RAID 10  
\* When a RAID set is built across the SATA 6Gb/s and SATA 3Gb/s channels, the system performance of the RAID set may vary depending on the devices being connected.

Chipset:

USB

1. Up to 4 USB 3.0/2.0 ports (2 ports on the back panel, 2 ports available through the internal USB header)
2. Up to 6 USB 2.0/1.1 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. 1 x serial port header
4. 2 x SATA 6Gb/s connectors
5. 2 x SATA 3Gb/s connectors
6. 1 x USB 3.0/2.0 header
7. 2 x USB 2.0/1.1 headers
8. 1 x CPU fan header
9. 1 x system fan header
10. 1 x front panel header
11. 1 x front panel audio header
12. 1 x S/PDIF Out header
13. 1 x Clear CMOS jumper

Back Panel  
Connectors

1. 1 x PS/2 keyboard/mouse port
2. 2 x HDMI ports
3. 2 x antenna connectors
4. 1 x DVI-I port
5. 2 x USB 3.0/2.0 ports
6. 4 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

- H/W Monitoring
1. System voltage detection
  2. CPU/System temperature detection
  3. CPU/System fan speed detection
  4. CPU fan speed control  
\* Whether the CPU fan speed control function is supported will depend on the CPU 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 @BIOS
  2. Support for Q-Flash
  3. Support for Xpress Install
  4. Support for EasyTune  
\* Available functions in EasyTune may differ by motherboard model.
  5. Support for eXtreme Hard Drive (X.H.D)
  6. Support for Auto Green
  7. Support for ON/OFF Charge
  8. Support for Q-Share
  9. Support for EZ Setup
  10. Support for Intel Wireless Display (Intel WiDi)
  11. Exclusive Bluetooth 4.0/WiFi module
- Bundle Software
1. Norton Internet Security (OEM version)
  2. Intel® Rapid Start Technology
  3. Intel® Smart Connect Technology
  4. Intel® Smart Response Technology

Operating System

1. Support for Microsoft® Windows 8/7/XP

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 SP1/SP2. If drivers are available from the vendors, we will update them on the GIGABYTE website.