



109.95 EUR

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

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

**Features :**

- Intel H77
- 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® H77 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 1600/1333/1066/800 MHz memory modules
    - \* To support DDR3 1600 MHz, you must install an Intel 22nm (Ivy Bridge) CPU.
  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:

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.

Storage  
Interface

## 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

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	<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></ol>
Back Panel Connectors	<ol style="list-style-type: none"><li>2 x USB 3.0/2.0 ports</li><li>4 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	<ol style="list-style-type: none"><li>System voltage detection</li><li>CPU/System temperature detection</li><li>CPU/System fan speed detection</li><li>CPU fan speed control * Whether the CPU fan speed control function is supported will depend on the CPU cooler you install.</li></ol>
BIOS	<ol style="list-style-type: none"><li>2 x 64 Mbit flash</li><li>Use of licensed AMI EFI BIOS</li><li>Support for DualBIOS™</li><li>PnP 1.0a, DMI 2.0, SM BIOS 2.6, ACPI 2.0a</li></ol>

	<ol style="list-style-type: none"> <li>1. Support for @BIOS</li> <li>2. Support for Q-Flash</li> <li>3. Support for Xpress Install</li> <li>4. Support for EasyTune  * Available functions in EasyTune may differ by motherboard model.</li> <li>5. Support for eXtreme Hard Drive (X.H.D)</li> </ol>
Unique Features	<ol style="list-style-type: none"> <li>6. Support for Auto Green</li> <li>7. Support for ON/OFF Charge</li> <li>8. Support for Q-Share</li> <li>9. Support for EZ Setup</li> <li>10. Support for Intel Wireless Display (Intel WiDi)</li> <li>11. Exclusive Bluetooth 4.0/WiFi module</li> </ol>
Bundle Software	<ol style="list-style-type: none"> <li>1. Norton Internet Security (OEM version)</li> <li>2. Intel® Rapid Start Technology</li> <li>3. Intel® Smart Connect Technology</li> <li>4. Intel® Smart Response Technology</li> </ol>
Operating System	<ol style="list-style-type: none"> <li>1. Support for Microsoft® Windows 8/7/XP</li> </ol>
Form Factor	<ol style="list-style-type: none"> <li>1. Mini-ITX Form Factor; 17.0cm x 17.0cm</li> </ol>
Remark	<ol style="list-style-type: none"> <li>1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.</li> <li>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.</li> </ol>