



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)

	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
Internal I/O Connectors	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
	1. 1 x PS/2 keyboard/mouse port
	2. 2 x HDMI ports
	3. 2 x antenna connectors
	4. 1 x DVI-I port
Back Panel Connectors	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.