



#### 999.00 EUR

incl. 19% VAT, plus shipping

- Dual HDMI!
- Dual Gigabit LAN!
- · Gigabyte Features!
- Intel Ivy/Sandy Bridge!

#### Features:

- Intel B75
- RAM : 2x DDR3
- Expansion: 1x PCle 3.0 x16, 1x Mini-PCle
- External: 1x DVI-I, 1x 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, 1x SATA 6Gb/s, 3x SATA II, 1x CPU-Lüfter PWM, 1x Lüfter PWM, 1x serial
- Notes: Mini-ITX, All solid capacitors, UEFI
- Attention! For PCIe 3.0 you need Ivy Bridge CPU!
  - Support for Intel<sup>®</sup> Core<sup>™</sup> i7 processors/Intel<sup>®</sup> Core<sup>™</sup> i5 processors/ Intel<sup>®</sup> Core<sup>™</sup> i3 processors/Intel<sup>®</sup>
    Pentium<sup>®</sup> processors/Intel<sup>®</sup> Celeron<sup>®</sup> processors in the LGA1155 package

CPU 2. L3 cache varies with CPU

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

Chipset 1. Intel® B75 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
  - \* 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
- 1. Realtek ALC892 codec
- 2. High Definition Audio

#### Audio

- 3. 2/4/5.1/7.1-channel
- 4. Support for S/PDIF Out

### LAN

- 1. 2 x Realtek GbE LAN chips (10/100/1000 Mbit)
- 1 x PCI Express x16 slot, running at x16 (The PCIEX16 slot conforms to PCI Express 3.0 standard.)

#### **Expansion Slots**

- \* Whether PCI Express 3.0 is supported depends on CPU and graphics card compatibility.
- 2. 1x Mini-PCle



#### Chipset:

## Storage Interface

- 1. 1 x SATA 6Gb/s connector (SATA3 0) supporting up to 1 SATA 6Gb/s device
- 2. 3 x SATA 3Gb/s connectors (SATA2 1/2/3) supporting up to 3 SATA 3Gb/s devices

## 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. 1 x SATA 6Gb/s connector
- 5. 3 x SATA 3Gb/s connectors
- 6. 1 x USB 3.0/2.0 header

# Internal I/O Connectors

- 7. 1 x USB 2.0/1.1 header
- 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



BIOS

3. Support for DualBIOS™

4. PnP 1.0a, DMI 2.0, SM BIOS 2.6, ACPI 2.0a

	1. 1 x PS/2 keyboard/mouse port
Back Panel Connectors	2. 2 x HDMI ports
	3. 1 x DVI-I port
	4. 2 x USB 3.0/2.0 ports
	5. 4 x USB 2.0/1.1 ports
	6. 2 x RJ-45 ports
	7. 1 x optical S/PDIF Out connector
	8. 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	System voltage detection
	CPU/System temperature detection
	3. CPU/System fan speed detection
	CPU fan speed control  * Whether the CPU fan speed control function is supported will depend on the CPU cooler you install.
	1. 2 x 64 Mbit flash
	2. Use of licensed AMI EFI BIOS



- 1. Support for @BIOS
- 2. Support for Q-Flash
- 3. Support for Xpress Install
- 4. Support for EasyTune

## **Unique Features**

- \* Available functions in EasyTune may differ by motherboard model.
- 5. Support for Auto Green
- 6. Support for ON/OFF Charge
- 7. Support for Q-Share
- 8. Support for EZ Setup
- 1. Norton Internet Security (OEM version)

#### **Bundle Software**

- 2. Intel<sup>®</sup> Rapid Start Technology
- 3. Intel® Smart Connect Technology

# Operating

System

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

#### Form Factor

- 1. Mini-ITX Form Factor; 17.0cm x 17.0cm
- 1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.

## Remark

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 GIGA