



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

- Built-in Intel® Celeron™ N3150 (1.6 GHz) quad-core processor
- GIGABYTE Ultra Durable™ Technology
- Dual channel DDR3/-L SO-DIMM slot support
- All Solid Capacitors with Humidity Protection New Glass Fabric PCB design
- Dual GbE LAN with high ESD Protection
- Extra two SATA 6Gb/s interfaces for more system storage connectivity
- High Quality Audio Capacitors
- PCI interface for wide-range expansion card selections
- M.2 PCIe expansion slot supports wireless networking cards

1. Built in with an Intel® Quad-Core Celeron® N3150 SoC (1.6 GHz)

* Do not disassemble the onboard SoC and the heatsinks by yourself to avoid damage to these components.

CPU

2. 2 MB Cache

- Memory
1. 2 x DDR3 SO-DIMM sockets supporting up to 8 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/DDR3L 1600/1333 MHz memory modules
 - * Due to an SoC limitation, if a 1333 MHz memory is installed, it will be downgraded to 1066 MHz.
 4. Support for non-ECC memory modules

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

Integrated in the SoC:

- Onboard Graphics
1. 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz
 2. 1 x DVI-D port, supporting a maximum resolution of 1920x1200@60 Hz
 - * The DVI-D port does not support D-Sub connection by adapter.

Maximum shared memory of 512 MB

- Audio
1. Realtek® ALC887 codec
 2. High Definition Audio
 3. 2/4/5.1/7.1-channel
 - * To configure 7.1-channel audio, you have to use an HD front panel audio module and enable the multi-channel audio feature through the audio driver.

- LAN
1. 2 x Realtek® GbE LAN chips (10/100/1000 Mbit)

- Expansion Slots
1. 1 x PCI slot
 2. 1 x M.2 Socket 1 connector for the wireless communication module (M2_WIFI)

SoC:

- Storage Interface
1. 2 x SATA 6Gb/s connectors (SATA 3 0/1)

ASMedia® ASM1061 chip:

1. 2 x SATA 6Gb/s connectors (SATA 3 2/3)Š

SoC:

USB

1. 4 x USB 3.0/2.0 port (2 ports on the back panel, 2 ports available through the internal USB header)

SoC+2 x GENESYS LOGIC USB 2.0 Hubs:

1. 6 x USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers)

Internal I/O Connectors

1. 1 x 24-pin ATX main power connector
2. 1 x 4-pin ATX 12V power connector
3. 4 x SATA 6Gb/s connectors
4. 1 x CPU fan header
5. 1 x system fan header
6. 1 x front panel header
7. 1 x front panel audio header
8. 1 x USB 3.0/2.0 header
9. 2 x USB 2.0/1.1 headers
10. 1 x parallel port header
11. 1 x Clear CMOS jumper
12. 1 x chassis intrusion header

Back Panel Connectors

1. 1 x PS/2 mouse port
2. 1 x PS/2 Keyboard port
3. 2 x serial ports
4. 1 x D-Sub port
5. 1 x DVI-D port
6. 2 x USB 3.0/2.0 ports
7. 2 x USB 2.0/1.1 ports
8. 2 x RJ-45 ports
9. 3 x audio jacks (Line In, Line Out, Mic In)

I/O Controller

1. iTE® I/O Controller Chip

H/W Monitoring	<ol style="list-style-type: none">1. System voltage detection2. CPU/System temperature detection3. CPU/System fan speed detection4. CPU/System fan speed control * Whether the fan speed control function is supported will depend on the cooler you install.
BIOS	<ol style="list-style-type: none">1. 2 x 64 Mbit flash2. Use of licensed AMI UEFI BIOS3. Support for DualBIOS™4. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
Unique Features	<ol style="list-style-type: none">1. Support for Xpress Install2. Support for @BIOS3. Support for APP Center * Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.
Bundle Software	<ol style="list-style-type: none">1. Norton® Internet Security (OEM version)
Operating System	<ol style="list-style-type: none">1. Support for Windows 10 32-bit/64-bit2. Support for Windows 8.1 64-bit3. Support for Windows 7 32-bit/64-bit * Please download the "Windows USB Installation Tool" from GIGABYTE's website and install it before installing Windows 7.
Form Factor	<ol style="list-style-type: none">1. Mini-ITX Form Factor; 17.0cm x 17.0cm
Remark	<ol style="list-style-type: none">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.