





- Built-in Intel[®] Celeron™ N3050 (1.6 GHz) dual-core processor
- GIGABYTE Ultra Durable™ Technology
- Dual channel DDR3/-L UDIMM slot support
- All Solid Capacitors with Humidity Protection New Glass Fabric PCB design
- GbE LAN with high ESD Protection
- HDMI port supports 4K display on rear panel
- Audio Noise Guard with High Quality Audio Capacitors
- PCI interface for wide-range expansion card selecti
 - 1. Built in with an Intel[®] Dual-Core Celeron[®] N3050 SoC (1.6 GHz)
 - * Do not disassemble the onboard SoC and the heatsinks by yourself to avoid damage to these components.
 - 2. 2 MB Cache

89.95 EUR

incl. 19% VAT, plus shipping

- Intel Celeron Braswell!
- Win7, Win 8, Win 10!

CPU



Memory	 2 x DDR3/-L U-DIMM sockets supporting up to 8 GB of system memory * If only one DDR3/-L memory module is to be installed, be sure to install it in the UDIMM_1 socket.
	2. Dual channel memory architecture
	3. Support for DDR3/-L 1066/1600 MHz memory modules
	Support for non-ECC memory modules
	(Please refer "Memory Support List" for more information.)
Onboard Graphics	Integrated in the SoC:
	1. 1 x D-Sub port, supporting a maximum resolution of 2560x1600
	2. 1 x HDMI port, supporting a maximum resolution of 3840x2160
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. Realtek [®] GbE LAN chip (10/100/1000 Mbit)
Expansion Slots	1. 1 x PCI slot
Storage Interface	Integrated in the SoC:
	1. 2 x SATA 6Gb/s connectors
	Integrated in the SoC:
USB	1. 4 x USB 3.0/2.0 port on the back panel

2. 4 x USB 2.0/1.1 ports (4 ports available through the internal USB header)



BIOS

Internal I/O Connectors	1. 1 x 24-pin ATX main power connector
	2. 1 x 4-pin ATX 12V power connector
	3. 2 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. 2 x USB 2.0/1.1 header
	9. 1 x serial port header
	10. 1 x debug card header
	11. 1 x chassis intrusion header
	12. 1 x Clear CMOS jumper
	1. 1 x D-Sub port
Back Panel Connectors	2. 1 x HDMI port
	3. 1 x serial port
	4. 1 x parallel port
	5. 4 x USB 3.0/2.0 port
	6. 1 x RJ-45 port
	7. 3 x audio jacks (Line In, Line Out, Mic In)
	7. 3 x audio jacks (Line III, Line Out, Mic III)
I/O Controller	1. iTE [®] I/O Controller Chip
H/W Monitoring	System voltage detection
	CPU/System temperature detection
	CPU/System fan speed detection
	CPU/System fan speed control
	* Whether the fan speed control function is supported will depend on the cooler you install.
	1. 1 x 64 Mbit flash

2. Use of licensed AMI UEFI BIOS

3. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

Gigabyte GA-N3050N-D2P (Intel Celeron N3050 Braswell 2x1.6Ghz)

[http://www.minipc.de/catalog/il/2047]



- 1. Support for Xpress Install
- 2. Support for @BIOS

Unique Features

- 3. Support for APP Center
 - * Available applications in APP Center may differ by motherboard model. Supported functions of each application may also differ depending on motherboard specifications.

Bundle Software

- 1. Norton® Internet Security (OEM version)
- 1. Support for Windows 10 32-bit/64-bit

Operating System

- 2. Support for Windows 8.1/7 64-bit
 - * Please download the "Windows USB Installation Tool" from GIGABYTE's website and install it before installing Windows 7.

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

 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.