



89.95 EUR

incl. 19% VAT, plus shipping

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



- 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

CPU

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

[http://www.cartft.com/catalog/il/2047]



1.	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.

Memory

- 2. Dual channel memory architecture
- 3. Support for DDR3/-L 1066/1600 MHz memory modules
- 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 2560x1600
- 2. 1 x HDMI port, supporting a maximum resolution of 3840x2160
- 1. Realtek® ALC887 codec
- 2. High Definition Audio

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)

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- 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

Internal I/O Connectors

- 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
- 2. 1 x HDMI port
- 3. 1 x serial port

Back Panel Connectors

- 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)

I/O Controller

- 1. iTE® I/O Controller Chip
- 1. System voltage detection
- 2. CPU/System temperature detection

H/W Monitoring

- 3. CPU/System fan speed detection
- 4. 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

BIOS

- 2. Use of licensed AMI UEFI BIOS
- 3. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0



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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.