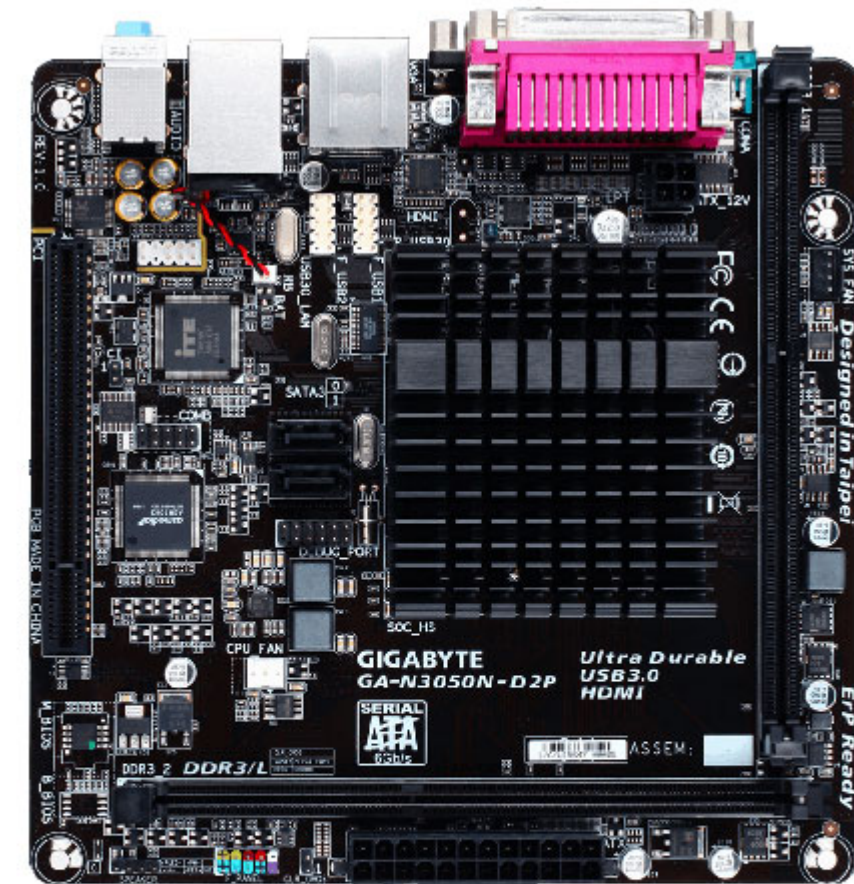


89.95 EUR

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.

CPU

2. 2 MB Cache

|                   |                                                                                                                                                                                 |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory            | 1. 2 x DDR3/-L U-DIMM sockets supporting up to 8 GB of system memory<br>* 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                                                                                                                             |
|                   | 4. Support for non-ECC memory modules<br><br>(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<br><br>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<br>* 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                                                                                                                                                    |
| USB               | Integrated in the SoC:                                                                                                                                                          |
|                   | 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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|                         |                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------|
| 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                                                                    |
| Back Panel Connectors   | 1. 1 x D-Sub port                                                                            |
|                         | 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                                                                            |
| I/O Controller          | 7. 3 x audio jacks (Line In, Line Out, Mic In)                                               |
|                         | 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/System fan speed control                                                              |
| BIOS                    | * 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                                         |

|                  |                                                                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unique Features  | 1. Support for Xpress Install                                                                                                                                                                         |
|                  | 2. Support for @BIOS                                                                                                                                                                                  |
|                  | 3. Support for APP Center<br>* 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)                                                                                                                                                            |
| Operating System | 1. Support for Windows 10 32-bit/64-bit                                                                                                                                                               |
|                  | 2. Support for Windows 8.1/7 64-bit<br>* 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                                                                                                                                                              |
| 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.            |