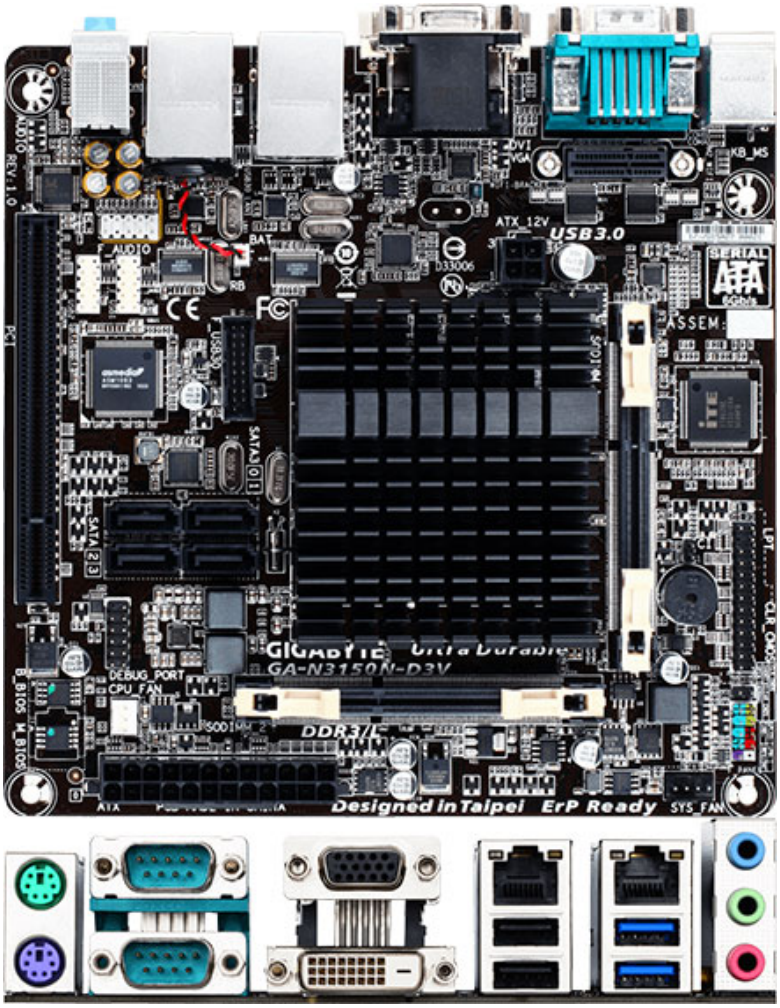
Gigabyte GA-N3150N-D3V (Intel Celeron N3150 Braswell 2x1.6Ghz, 4x SATA)
[http://www.cartft.com/catalog/il/2135]



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

CPU

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.
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.)
Onboard Graphics	Integrated in the SoC: 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)
Storage Interface	SoC: 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

USB	SoC: 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	1. System voltage detection 2. CPU/System temperature detection 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.

BIOS

1. 2 x 64 Mbit flash
2. Use of licensed AMI UEFI BIOS
3. Support for DualBIOS™
4. 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
   * Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary 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 64-bit
3. 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

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.