



1019.95 EUR

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

- Dual LAN !
- 4x COM !
- 8-24V DC input !
- Mini-PCI Express !



Support:  [Specifications](#)

Scope of supply : Mainboard with CPU and heatsink.

- Intel Kaby Lake ULV Core i3/i5/i7 Processor
- Intel HD graphics and DirectX 12 support
- Dual channel DDR4 with two connectors for MAX. 32GB memory
- Support triple display for HDMI, DisplayPort and LVDS / eDP
- Features high speed Dual Gigabit Ethernet
- Features 1 SATA 6Gb/s
- Four SuperSpeed USB3.0 ports support
- Three RS232 + One RS232/422/485 ports
- One PCI Express Mini Card connector for expansion
- One M.2 2232 (E key) for expansion
- 8 V to 24 V wide-range voltage input

**Item**

Form Factor

**Spec**

3.5" single board computer, 102mm x 147mm (4" x 5.8")

|                      |   |  |
|----------------------|---|--|
| Processor Chipset    | Intel Kaby Lake-U i5-7300U with integrated graphics<br>(Compatible with 3955U/i3-6100U/i5-6300U/i7-6600U and 3965U/i3-7100U/i7-7600U)   |  |
| Main Memory          | <ul style="list-style-type: none"> <li>• 2 x 260-pin DDR4 SO-DIMM slot</li> <li>• Max capacity up to 32GB</li> </ul>  |  |
| Audio Controller     | Realtek ALC283  |  |
| Expansion Capability | <ul style="list-style-type: none"> <li>• M.2 2230 (E Key) with (PCIex1/USB2.0) 1</li> <li>• Mini PCIe (full length, USB/PCIe/SATA) 1</li> <li>• HDMI-out 1</li> <li>• Display port 1</li> </ul>   |  |
| External I/O         | <ul style="list-style-type: none"> <li>• USB3.0 4</li> <li>• RJ-45 2</li> <li>• Audio combo jack (Mic-in and Line-out) 1</li> <li>• LVDS/eDP 1</li> <li>• 7-pin SATA connector 1</li> <li>• 4-pin SATA power 1</li> <li>• USB2.0 2</li> </ul>   |  |
| Internal I/O         | <ul style="list-style-type: none"> <li>• RS-232 3</li> <li>• RS-232/422/485 1</li> <li>• Audio header supporting system stereo speaker or buzzer 1</li> <li>• MiAPI header 1</li> <li>• Chassis front panel header 1</li> </ul>   |  |
| SIO Controller       | NCT6104D  |  |
| LAN Support          | <ul style="list-style-type: none"> <li>• 1 x I219LM, 1 x I211AT</li> </ul>  |  |
| BIOS                 | AMI UEFI  |  |
| Hardware Management  | <ul style="list-style-type: none"> <li>• Nuvoton NCT6104D based subsystem, including:</li> <li>• Voltage sense to detect out of range power supply voltages</li> <li>• Thermal sense to detect out of range thermal values</li> <li>• Operating Temperature: 0°C ~ 60°C (32°F ~ 140°F)</li> </ul> |  |
| Environment          | <ul style="list-style-type: none"> <li>• Storage Temperature: -20°C ~ 80°C (-4°F ~ 140°F)</li> <li>• Relative Humidity: 95% @60°C non-condensing</li> </ul>   |  |
| Certification        | <ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> </ul>   |  |