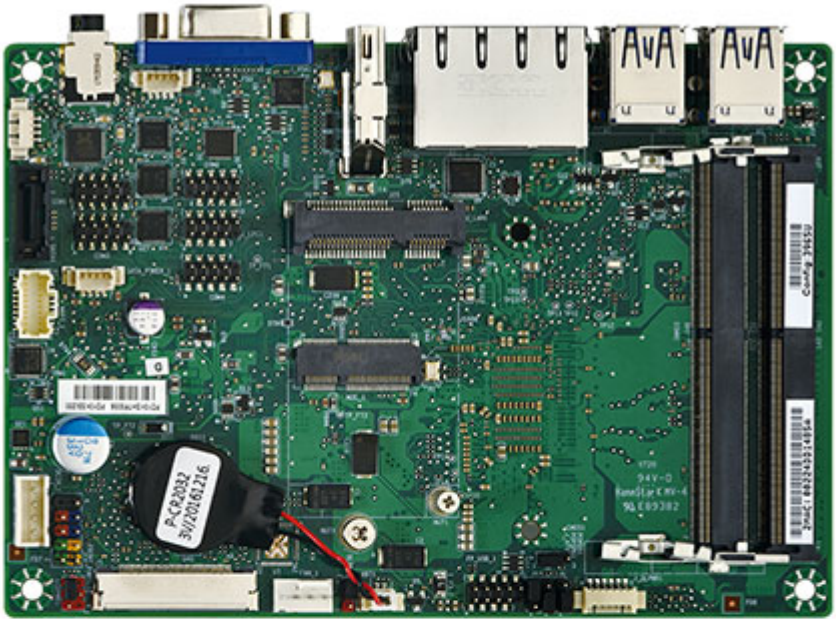

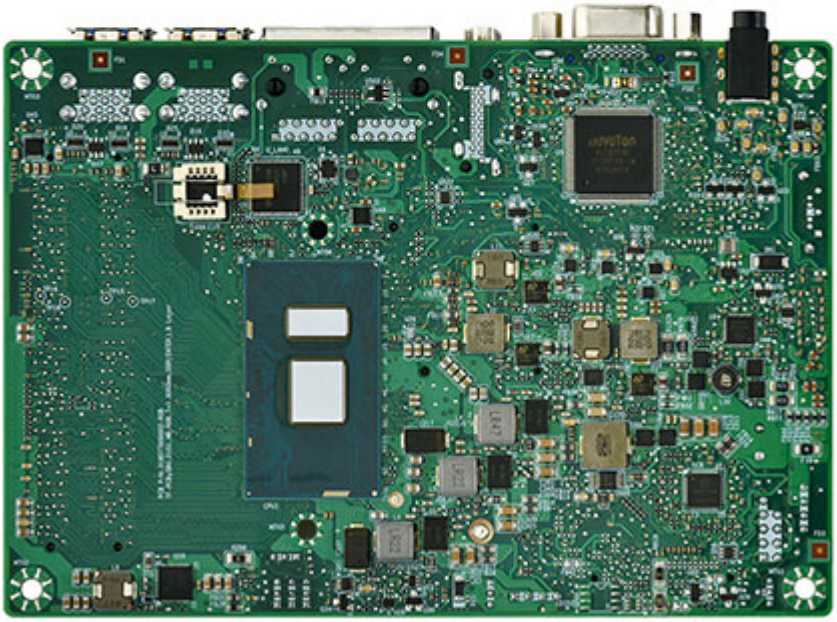

999.00 EUR
incl. 19% VAT, plus shipping

- 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
- Triple independent display from HD-Out, VGA, and Embedded Display-Port* / LVDS connectivity
- 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** | **Spec** | |
|---|---|---|
| Form Factor | 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 | • 2 x 204-pin DDR4 SO-DIMM slot<br>• Max capacity up to 32GB | |
| Audio Controller | Realtek ALC283 | |
| Expansion Capability | • M.2 2230 (E Key) with (PCIex1/USB2.0) | 1 |
| | • Mini PCIe (full length, USB/PCIe/SATA) | 1 |
| External I/O | • HDMI-out | 1 |
| | • VGA | 1 |
| | • USB3.0 | 4 |
| | • RJ-45 | 2 |
| | • Audio combo jack (Mic-in and Line-out) | 1 |
| Internal I/O | • LVDS/eDP | 1 |
| | • 7-pin SATA connector | 1 |
| | • 4-pin SATA power | 1 |
| | • USB2.0 | 2 |
| | • RS-232 | 3 |
| | • RS-232/422/485 | 1 |
| | • Audio header supporting system stereo speaker or buzzer | 1 |
| | • MiAPI header | 1 |
| | • Chassis front panel header | 1 |
| SIO Controller | NCT6104D | |
| LAN Support | • 1 x I219LM, 1 x I211AT | |
| BIOS | AMI UEFI | |
| Hardware Management | • Nuvoton NCT6104D based subsystem, including:<br>• Voltage sense to detect out of range power supply voltages<br>• Thermal sense to detect out of range thermal values | |
| Environment | • Operating Temperature: 0°C ~ 60°C (32°F ~ 140°F)<br>• Storage Temperature: -20°C ~ 80°C (-4°F ~ 140°F)<br>• Relative Humidity: 95% @60°C non-condensing | |
| Certification | • CE<br>• FCC | |