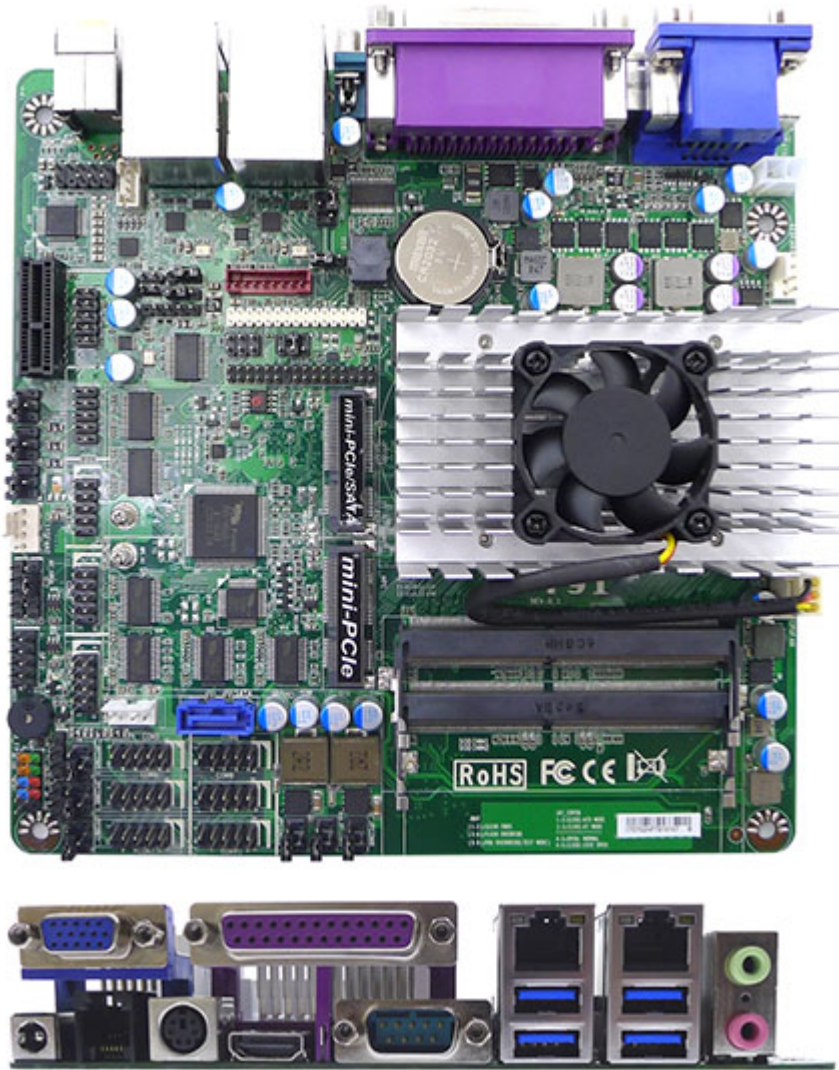


269.00 EUR  
incl. 19% VAT, plus [shipping](#)



- Intel® Skylake U/Kabylake U CPU, DDR4 up to 32GB, support max 4K display resolution
- Intel® Skylake-U/Kabylake-U Processor (TDP 15W) Default is 3855U/3865U
- Support DDR4-2133, 2 \* SO-DIMM slot, up to 32GB memory
- Realtek ALC662VD Audio
- 2 \* Realtek Giga LAN
- Support 1 \* SATA III (6Gb/s)
- Support HDMI/VGA/LVDS/eDP, triple displays
- 1 \* External RS232/422/485 and 9 \* internal RS232
- 4 \* External USB3.0 & 5 \* Internal USB1.1/2.0
- 1 \* Mini-PCIe/mSATA slot & 1 \* Mini-PCIe slot & 1 \* PCIe x 1 slot
- 1 \* RJ-11 & PS/2 connector
- 12V DC IN power

## Form Factor

|            |                                           |
|------------|-------------------------------------------|
| Dimensions | – Mini-ITX (6.7-in * 6.7-in, 170 * 170mm) |
|------------|-------------------------------------------|

## Processor System

|             |                                                                          |
|-------------|--------------------------------------------------------------------------|
| CPU         | – Intel® Skylake-U/Kabylake-U Processor (TDP 15W) Default is 3855U/3865U |
| Core Number | – (by CPU)                                                               |
| Max Speed   | – (by CPU)                                                               |
| L2 Cache    | – (by CPU)                                                               |

|                           |                                                    |
|---------------------------|----------------------------------------------------|
| Chipset                   | – SoC                                              |
| BIOS                      | – AMI Flash ROM                                    |
| <b>Expansion Slot</b>     |                                                    |
| Mini-PCle                 | – 1 (full size, shared with mSATA) & 1 (full size) |
| mSATA                     | – 1 (shared with mPCle)                            |
| PCle                      | – 1 * PCle x1 slot                                 |
| M.2                       | – 0                                                |
| SIM Card Holder           | – 0                                                |
| <b>Memory</b>             |                                                    |
| Technology                | – Dual CH DDR4 2133MHz SDRAM                       |
| Max.                      | – 32GB                                             |
| Socket                    | – 2 * SO-DIMM                                      |
| <b>Graphics</b>           |                                                    |
| Controller                | – Intel® HD Graphics                               |
| VRAM                      | – Shared Memory                                    |
| VGA                       | – 1                                                |
| LVDS                      | 1 (Max Resolution : 1920×1080@60Hz)                |
| eDP 1.3                   | – 1                                                |
| HDMI 1.4                  | – 1 (Max Resolution : 4096×2304@24Hz)              |
| MultiDisplay              | – Triple Displays                                  |
| <b>Ethernet</b>           |                                                    |
| Ethernet                  | – 10/100/1000 Mbps                                 |
| Controller                | – 2 * Realtek® 8111H Gigabit LAN                   |
| Connector                 | – 2 * RJ 45                                        |
| <b>Audio</b>              |                                                    |
| CODEC                     | – HD Audio : Realtek ALC662VD                      |
| Channel                   | – Line-Out, MIC                                    |
| <b>SATA</b>               |                                                    |
| Max Data Transfer Rate    | – 1 * SATAIII (6.0Gb/s)                            |
| <b>Rear I/O</b>           |                                                    |
| VGA                       | – 1                                                |
| HDMI                      | – 1                                                |
| Ethernet                  | – 2                                                |
| USB                       | – 4 * USB 3.0                                      |
| Audio                     | – 1 (Line-out, MIC)                                |
| Serial / Parallel         | – 1 / 1 (COM1: RS232/422/485)                      |
| RJ11                      | – 1 (12V/24V selectable)                           |
| PS2                       | – 1                                                |
| DC-input                  | – 1                                                |
| <b>Internal Connector</b> |                                                    |
| USB                       | – 5 * USB 2.0                                      |
| PS/2                      | – 0                                                |
| LVDS / inverter           | – 1                                                |
| Serial                    | – 9                                                |
| SATA                      | – 1 * SATAIII (6.0Gb/s)                            |

|                   |                                                    |
|-------------------|----------------------------------------------------|
| mPCIe             | – 1 (full size, shared with mSATA) & 1 (full size) |
| mSATA             | – 1 (shared with mPCIe)                            |
| M.2               | – 0                                                |
| GPIO              | – 1 (8 bit)                                        |
| Chassis intrusion | – 1                                                |
| Audio Header      | – 1                                                |
| SMBUS/ I2C        | – 1                                                |
| AT mode           | – 1                                                |
| TPM Header        | – N/A                                              |
| Others            | – 3W audio amplifier                               |

## Watchdog Timer

|          |                                    |
|----------|------------------------------------|
| Output   | – From Super I/O to drag RESETCON# |
| Interval | – 256 segments (10sec ~ 255min)    |

## Power Requirements

|           |                                                                                                                          |
|-----------|--------------------------------------------------------------------------------------------------------------------------|
| Input PWR | – 12V DC-in                                                                                                              |
| Power On  | AT/ATX Supported<br>– AT : Directly PWR on as Power input ready<br>– ATX: Press Button to PWR on after Power input ready |

## Certifications

|                |                        |
|----------------|------------------------|
| Certifications | – CE, FCC, RoHS, REACH |
|----------------|------------------------|

## Environment

|             |                         |
|-------------|-------------------------|
| Temperature | – Operating: 0°C ~ 60°C |
|             | – Storage: -20°C ~ 85°C |