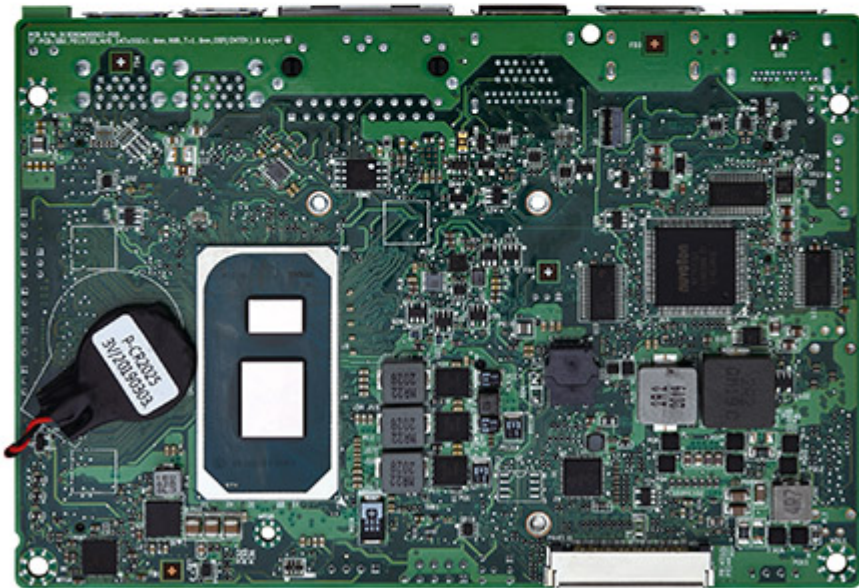


879.00 EUR
incl. 19% VAT, plus [shipping](#)

- Intel® i5-1145G7E Tiger Lake-UP3 !
- 2x Gigabit LAN !
- 3,5" SBC !
- HDMI & DP !



- Intel® i5-1145G7E Processor
- Outstanding graphic computing capability with Integrated Intel® Iris Xe graphics
- Intel® vPro technology support
- Compatible with M.2 3042/3052 + SIM slot for 5G cellular network connectivity
- 1 x DDR4 SO-DIMM and support up to 32GB
- Support Quadruple display for HDMI, DisplayPort and LVDS / eDP
- Support 1 x M.2 2280 B-Key (SATA, PCIe X1), 1 x M.2 2230 E-Key (CNV)
- 1 x SATA III
- 2 x Intel® Gigabit Ethernet
- 2 x USB 2.0, 4 x USB 3.1 Gen2 and 4 x COM
- 8V~24V wide voltage power input

| | | | |
|-------------------|---------------------|---|--|
| MECHANICAL | FORM FACTOR | 3.5" SBC: 4" x 5.8" (102 mm x 147 mm) | |
| | PROCESSOR | 11th Gen Intel® Tiger Lake-UP3 i3-1115G4E (Dual Core, 6MB Cache, up to 3.90 GHz) / option: 11th Gen Tiger Lake-UP3 Celeron 6305E / i5-1145G7E / i7-1185G7E | |
| | CHIPSET | Intel® SoC Integrated | |
| | SYSTEM MEMORY | DDR4 3200 MHz / 1 x 260-pin SO-DIMM / Max. 32GB (Non-ECC) | |
| | GRAPHICS | Intel® Iris Xe Graphics | |
| | ETHERNET | Intel® I219-LM Giga LAN / Intel® I225-LM 2.5GbE LAN | |
| | SYSTEM | AUDIO | Realtek® ALC256 |
| | | I/O CHIPSET | Nuvoton NCT6126D(eSPI) |
| | | TPM | Nuvoton NPCT750AABYX TPM2.0 |
| | | EXPANSION SLOT | M.2 3042 / 3052 / 2242 / 2260 / 2280 B key (USB2.0, SATAIII, *PCIex1) *Not support M.2 M Key NVMe SSD / Wireless: M.2 2230 E key (PCIe, USB) |
| BIOS | | AMI BIOS | |
| H/W MONITOR | | Temperature Monitor / Voltage Monitor / Fan Monitor | |
| WATCHDOG TIMER | | 1~255 steps by software program | |
| SMART FAN CONTROL | | CPU Fan | |
| HDMI | | Up to 4K (3840 x 2160) @30 Hz | |
| GRAPHICS | | DISPLAYPORT | Up to 4K (4096 x 2160) @60 Hz |
| | LVDS | Up to 1920 x 1200 @60 Hz | |
| | eDP (Option) | Up to 5120 x 3200 @60 Hz | |
| | USB | 4 x USB 3.1 Gen 2 | |
| REAR I/O | DISPLAY I/O | 1 x DisplayPort 1.2 / 2 x HDMI 1.4 | |
| | AUDIO I/O | - | |
| | LAN I/O | 2 x RJ-45 | |
| | STORAGE | 1 x SATAIII / 1 x SATA power header | |
| | USB | 2 x USB 2.0 | |
| | DISPLAY I/O | 1 x LVDS (*Optional eDP SKU available) / 1 x Backlight Connector | |
| | AUDIO I/O | 1 x Stereo Speaker Header | |
| | SERIAL PORT | 3 x RS232 / 1 x RS232 / 422 / 485 | |
| | GPIO | - | |
| | INTERNAL CONNECTORS | FAN | 1 x 4-pin CPU Fan Header |
| POWER | | 1 x AT / ATX Mode Select Jumper / 1 x 8~24V 4-pin Power Connector | |
| OTHERS | | 1 x CMOS Jumper / 1 x Chassis Front Panel Header (2 x 5-pin) / 1 x Front Audio Header (Mic-in & Line-out) / 1 x panel power select header / 1 x backlight power select header, / 1 x Buzzer | |
| POWER REQUIREMENT | POWER INPUT | 8~24V Wide Range DC Input w/ 4-pin Power Header (Pitch: 2.5mm) | |

| | | |
|---------------|-----------------------|---|
| ENVIRONMENTAL | OPERATING TEMPERATURE | 28W TDP:-40~50°C with 0.7m/s Air Flow (w/ Standard Temp. SSD/mSATA/RAM) / 15W TDP:-40~60°C with 0.7m/s Air Flow (w/ Standard Temp. SSD/mSATA/RAM) |
| | STORAGE TEMPERATURE | -40 ~ 85°C (-40 ~185°F) |
| | OPERATING HUMIDITY | 10% ~ 95% R/H (Non-condensing) |
| | CERTIFICATION | CE / FCC Class B |
| OS | OS SUPPORT | Windows® 10 64-bit / Ubuntu 18.04 / Kernel 4.15 / Linux (support by request) |
| PACKING LIST | PACKAGE | 1 x Motherboard / 1 x 50 cm SATA Cable / 1 x 45 cm SATA Power Cable / 1 x Quick Installation Guide |