



549.00 EUR

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

- 10th Gen. Comet Lake !
- Fanless !
- 11x USB !
- 12V DC !



- 10th Gen. Comet Lake LGA Processor, up to i9 35W
- Intel® H420E Chipset
- 2 x DDR4 SO-DIMM up to 64GB
- Support Dual Display for HDMI, DisplayPort
- 1 x M.2 2280M-key, 1 x M.2 2230 E-key (CNVi), 1 x mPCIe Full size
- 6 x USB2.0, 5 x USB3.0, 2 x COM, 8-bit GPIO

CPU

10th Gen Intel® Comet Lake LGA1200 Socket Processor 10core

TDP Max 35W

CHIPSET

Intel® H420E

|                        |                                                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SYSTEM MEMORY          | DDR4 2933/2666/2400MHz<br>/ 2 x 260-pin SO-DIMM<br>/ Max. 64 GB (Non-ECC)                                                                                                                                                                                              |
| GRAPHICS               | Intel® HD Graphics                                                                                                                                                                                                                                                     |
| DISPLAY INTERFACE      | DisplayPort 1.2 / HDMI 1.4                                                                                                                                                                                                                                             |
| STORAGE SLOT           | 1 x 2.5 HDD / SSD (Default w/ HDD Bracket) / 1 x M.2 M Key SSD<br>/ 1 x mSATA                                                                                                                                                                                          |
| ETHERNET               | Intel® I219-LM Giga LAN + Intel® I210-AT Giga LAN                                                                                                                                                                                                                      |
| AUDIO                  | Realtek® ALC888S                                                                                                                                                                                                                                                       |
| I/O CHIPSET            | Nuvoton NCT6126D(eSPI)                                                                                                                                                                                                                                                 |
| TPM                    | Nuvoton NPCT750AAAYX TPM2.0 (Optional)<br>1 x Mini PCIe Full size (USB2.0 / SATAIII / PCIeX1)<br>/ 1 x M.2 2242 / 2280 M key (SATAIII)<br>/ 1 x M.2 2230 E key (PCIeX1, USB 2.0)                                                                                       |
| EXPANSION SLOT         |                                                                                                                                                                                                                                                                        |
| INDICATOR              | Power Button / Power LED / HDD LED                                                                                                                                                                                                                                     |
| FRONT I/O              | 2 x USB 2.0<br>/ 8-bit GPIO (DB9 Connector)                                                                                                                                                                                                                            |
| REAR I/O               | 2 x SMA hole with rubber cap<br>/ DC-in 12V in 3-pin terminal block connector<br>/ 2 x RS232 (1 support RS422/485)<br>/ 1 x HDMI 1.4<br>/ 1 x DisplayPort 1.2<br>/ 2 x RJ-45<br>/ 4 x USB 3.2 Gen1<br>/ 4 x USB 2.0<br>/ 1 x Mic-in<br>/ 1 x Line-out<br>/ 1 x Line-in |
| POWER INPUT            | 12V DC Input w/ 3-pin Terminal Block Connectivity                                                                                                                                                                                                                      |
| POWER ADAPTER          | 90W adapter / DC12V / 7.5A / AC to DC                                                                                                                                                                                                                                  |
| THERMAL DESIGN         | Fanless                                                                                                                                                                                                                                                                |
| MOUNTING               | Wallmount                                                                                                                                                                                                                                                              |
| DIMENSIONS (W X D X H) | 209mm x 209mm x 87mm                                                                                                                                                                                                                                                   |
| WEIGHT                 | 2.9 kg                                                                                                                                                                                                                                                                 |
| MATERIAL               | Cold rolled steel and extruded aluminum front panel                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE  | -20~50°C (4 ~ 122°F)                                                                                                                                                                                                                                                   |
| STORAGE TEMPERATURE    | -40 ~ 85°C (-40 ~185°F)                                                                                                                                                                                                                                                |
| OPERATING HUMIDITY     | 10% ~ 95% R/H (Non-condensing)                                                                                                                                                                                                                                         |
| VIBRATION RESISTANCE   | 5Hz~500Hz / 2Grms / 3Axis (Non-operating)                                                                                                                                                                                                                              |
| SHOCK RESISTANCE       | 120G, 2ms Duration (Non-operating)                                                                                                                                                                                                                                     |
| CERTIFICATION          | CE / FCC Class A                                                                                                                                                                                                                                                       |
| OS SUPPORT             | Ubuntu 20.04 / Windows® 10 IoT 64bit (2019 LTSC / 2021 LTSC)<br>1 x Embedded System / US + EU Power Cord / 1 x 18 cm SATA<br>Cable / 1 x Power Adapter (12V, 90W, AC Jack Type) / 1 x CPU<br>Heat spreader / 1 x 3-pin terminal block to 6530 DC Jack cable            |
| PACKAGE                |                                                                                                                                                                                                                                                                        |