



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

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|                        |  |
|------------------------|--|
| 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)   |
| EXPANSION SLOT         | 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)   |
| 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)   |
| PACKAGE                | 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  |