

1189.00 EUR

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

- 1920x1080 Touchscreen !
- Fanless ! IP65 Front !
- Intel Apollo Lake !
- 2x LAN, 2x COM !



- Industrial-grade 21.5" FullHD TFT LCD with 40,000 hrs backlight lifetime
- True-flat touchscreen with projected capacitive multi-touch control
- Front panel IP65-rated, fanless design
- Support multiple mounting modules (webcam, NFC/RFID, barcode)

#### LCD

Display Type

21.5" TFT-LCD

Max. Resolution

1920 x 1080

Max. Colors

16.7M (8 bit/color)

Luminance

250 cd/m2

|                                |                                                                                                                        |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Viewing Angle                  | 178°(H), 178°( V)                                                                                                      |
| LED Backlight lifetime (Hours) | 40,000                                                                                                                 |
| TOUCH SCREEN                   |                                                                                                                        |
| Type                           | P-CAP                                                                                                                  |
| Touch Screen                   | True-flat 10 points                                                                                                    |
| SYSTEM                         |                                                                                                                        |
| Processor                      | 7th Gen Kaby Lake Celeron 3965U                                                                                        |
| Chipset                        | Intel® SoC integrated                                                                                                  |
| System Memory                  | DDR4 2133 / 2400MHz / 2 x 260-pin SO-DIMM / Max. 32GB<br>(Non-ECC)                                                     |
| Ethernet                       | Intel® I219-LM Giga LAN + Intel® I211-AT Giga LAN<br>2 x RJ45<br>1 x Audio Jack (combo Line-out + Mic-in)<br>1 x RS232 |
| I/O Port                       | 1 x RS232 / 422 / 485<br>1 x DisplayPort 1.2 /<br>1 x DC Jack /<br>4 x USB 3.0 /<br>1 x HDMI 1.4                       |
| Watchdog Timer                 | 1~255 steps by software program                                                                                        |
| Storage Disk Drive             | SATA 2.5" HDD/SSD bay x 1                                                                                              |
| Expansion Slot                 | M.2 2230 E key (PCIe, USB 2.0) / Mini PCIe Full size (PCIe / USB /<br>SATA)                                            |
| Stereo Speaker                 | 2 x 3W                                                                                                                 |
| OS Support                     | Windows 10 64bit, Linux (support by request)                                                                           |
| POWER REQUIREMENT              |                                                                                                                        |
| Power Input                    | DC 8~24V                                                                                                               |
| Power Adapter                  | AC to DC, DC19V 65W adaptor                                                                                            |
| MECHANICAL                     |                                                                                                                        |
| Mounting                       | VESA 100 / Stand                                                                                                       |
| Dimension                      | 520 x 315 x 42 mm                                                                                                      |
| Weight                         | 6.0kg                                                                                                                  |
| ENVIRONMENTAL                  |                                                                                                                        |
| Operating Temperature          | 0°C ~ 40°C (32 ~ 104°F)                                                                                                |
| Storage Temperature            | -20 ~ 60°C (-4 ~140°F)                                                                                                 |
| Storage Humidity               | 10% ~ 95% @40°C non-condensing                                                                                         |
| Vibration Resistance           | Operating Random vibration Test 5-500Hz, 0.3 Grms@with HDD                                                             |
| Shock Resistance               |                                                                                                                        |
| EMC                            | CE / FCC Class B                                                                                                       |
| Front Panel Protection         | IP65 Compliant                                                                                                         |