

# 12.1" CAPACITIVE TOUCH-PC

## DISPLAY

|                     |                 |
|---------------------|-----------------|
| Display Size [inch] | 12.1            |
| Aspect Ratio        | 4:3             |
| Resolution          | 1024 × 768      |
| Active Area [mm]    | 245.76 × 184.32 |
| Brightness [cd/m²]  | 500             |
| Contrast Ratio      | 700:1           |
| LED life time [h]   | 50000           |
| Viewing Angle [°]   | 160 / 160       |
| Display Interface   | LVDS            |

## PC/MONITOR SYSTEM

|                                          |                                            |
|------------------------------------------|--------------------------------------------|
| Processor                                | Intel® Core™ i5-1145G7E (Tiger Lake U)     |
| Standard Operating System                | Debian 12                                  |
| OS available on request (additional fee) | Linux Ubuntu 22.4, Windows 11              |
| RAM Size                                 | 8 GB DDR4                                  |
| SSD Size                                 | 240 GB                                     |
| Loudspeaker                              | 2 x 2W                                     |
| Wifi                                     | Intel® AC 3168                             |
| HDMI                                     | 1                                          |
| DP                                       | 1                                          |
| Audio In / Out                           | 1 (Realtek® ALC897 Audio CODEC)            |
| USB 2.0                                  | 2                                          |
| USB 3.2                                  | 2                                          |
| Ethernet Network (10/100/1000 Mbit/s)    | 2 Realtek® 8111H (LAN 1 PoE option, LAN 2) |
| Serial Port RS232 (RX / TX only)         | 2                                          |
| SD Card Slot                             | 1                                          |
| SIM Card Slot                            | 1                                          |

## TOUCH PANEL

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Touch Type                    | Projected Capacitive 10-point Multi-touch |
| Printing Type                 | Organic                                   |
| Glass Thickness [mm]          | 1.1                                       |
| Cover Glass Surface Treatment | AG                                        |
| IK Protection                 | IK08                                      |
| Printing Color                | RAL9004 (Black)                           |
| Strengthening                 | Thermally Strengthened                    |
| Touch Controller              | EXC81W84                                  |
| Touch Interface               | USB                                       |

## ENVIRONMENTAL CONDITIONS

|                 |               |
|-----------------|---------------|
| Operation Temp. | -10°C to 60°C |
| Storage Temp.   | -20°C to 60°C |
| Humidity Range  | 10% to 90%    |

## CERTIFICATIONS

|                 |     |
|-----------------|-----|
| CE Certificate  | Yes |
| FCC Certificate | Yes |

## CHASSIS

|                                             |                        |
|---------------------------------------------|------------------------|
| Case Design                                 | Rubber Frame Sealing   |
| IP Protection                               | IP65 Front / IP40 Back |
| Case Color                                  | RAL9004 (Black)        |
| Case Coating                                | Powder Coating         |
| Case Material                               | Aluminum               |
| Case size L × W × H [mm]                    | 301.0 × 246.0 × 52.5   |
| Cut-out for clamp supports L × H [mm]       | 277.0 × 222.0          |
| Max. wall thickness for clamp supports [mm] | 5.0                    |
| Amount of clamps required                   | 6                      |
| Mounting                                    | VESA 100 × 100         |

## ACCESSORIES

|                          |                                            |
|--------------------------|--------------------------------------------|
| Power Adapter            | 100-240V ACDC active switching; 12V DC-Out |
| Wifi Antenna             | Yes                                        |
| Short Instruction manual | Yes                                        |

## POWER

|                      |           |
|----------------------|-----------|
| Power Indicator      | Green LED |
| Working Power        | 9 - 36 V  |
| Power Consumption    | 23.6W     |
| Stand-By Consumption | <1W       |

## WEIGHT & PACKAGING

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Net Weight                    | ~2.8 kg est.                                    |
| Gross Weight                  | ~4.3 kg est. (incl. Cartonage)                  |
| Packaging Material            | 100% recyclable cardboard and polyethylene (PE) |
| Packaging Size L × W × H [mm] | 455.0 × 335.0 × 80.0                            |