

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	1000:1
LED life time [h]	30000
Viewing Angle [°]	160 / 160
Display Interface	LVDS

PC/MONITOR SYSTEM

Processor	Intel Celeron® J6412E
Standard Operating System	Debian 12
OS available on request (additional fee)	Linux Ubuntu 22.4, Windows 11
RAM Size	8 GB DDR4
SSD Size	120 GB
Loudspeaker	2 x 2W
Wifi	Intel® AX210
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 70°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	17.6W
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