

15.6" CAPACITIVE TOUCH-PC

DISPLAY

Display Size [inch]	15.6
Aspect Ratio	16:9
Resolution	1920 × 1080
Active Area [mm]	344.16 × 193.59
Brightness [cd/m ²]	1000
Contrast Ratio	800:1
LED life time [h]	100000
Viewing Angle [°]	170 / 170
Display Interface	eDP

PC/MONITOR SYSTEM

Processor	Intel Atom® x6211E (Elkhart Lake)
Standard Operating System	Debian 12
OS available on request (additional fee)	Linux Ubuntu 22.4, Windows 11
RAM Size	4 GB DDR4
SSD Size	120 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)	1
SD Card Slot	1
SIM Card Slot	1

TOUCH PANEL

Touch Type	Projected Capacitive 10-point Multi-touch
Printing Type	Ceramic
Glass Thickness [mm]	3.0
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.	-50°C to 80°C
Storage Temp.	-50°C to 80°C
Humidity Range	10% to 90%

CERTIFICATIONS

CE Certificate	Yes
FCC Certificate	Yes

CHASSIS

Case Design	Open-Frame
IP Protection	IP65 Front / IP40 Back
Case Color	RAL9004 (Black)
Case Finish	Powder Coating
Case Material	Aluminium
Case size L × W × H [mm]	408.0 × 260.0 × 62.6
Max. wall thickness for clamp supports [mm]	5.0
Cut-out for clamp supports L x H [mm]	TBD
Amount of clamps required	TBD
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	42.1W
Stand-By Consumption	<1W

WEIGHT & PACKAGING

Net Weight	~2.5 kg est.
Gross Weight	~4.6 kg est. (incl. Cartonage)
Packaging Material	100% recyclable cardboard and polyethylene (PE)
Packaging Size L × W × H [mm]	545.0 × 325.0 × 80.0