

Basic features

Approval/Conformity	CE UKCA WEEE cULus
Hard drive	4 GB eMMC
Principle of operation	Display unit
Working memory	1 GB RAM

Display/Operation

Display	7.0" TFT WVGA 800x480 LED Back Light Analog RGB (TTL) Projective capacitive Touch (Multitouch)
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Electrical connection

Cable length max.	2.8 m (USB)
Connection slots	COM: M12x1-Female, 5-pin, A-coded HID: M12x1-Female, 5-pin, A-coded LAN 1: M12x1-Female, 4-pin, D-coded LAN 2: M12x1-Female, 4-pin, D-coded PWR: M12x1-Male, 5-pin, A-coded USB1: M12x1-Female, 5-pin, A-coded USB2: M12x1-Female, 5-pin, A-coded

Electrical data

Current draw max.	2 A
Operating voltage U_b	24 V DC $\pm 10\%$ LPS Class 2

Environmental conditions

Ambient temperature	0...60 °C
EN 60068-2-27, Shock	Half-sinus, 15 g, 11 ms
EN 60068-2-6, Vibration	yes
IP rating	IP54
Storage temperature	-40...80 °C

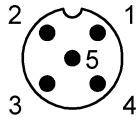
Functional Characteristics

Clock frequency	2x 1.2 GHz
Operating system	Linux
System on a module (SOM)	phyCore i.MX6 Dual Lite

Mechanical data

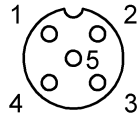
Dimension	247 x 57.1 x 186.5 mm
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Connector Drawings



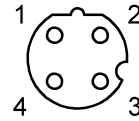
Pin assignment PWR

PIN 1: 0V
 PIN 2: 0V
 PIN 3: PE
 PIN 4: 24V DC
 PIN 5: n.c.



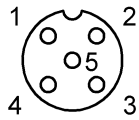
Pin assignment USB 1 and 2

PIN 1: VBUS
 PIN 2: D-
 PIN 3: GND
 PIN 4: n.c.
 PIN 5: D+



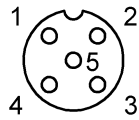
Pin assignment LAN 1 and 2

PIN 1: Tx+
 PIN 2: Rx+
 PIN 3: Tx-
 PIN 4: Rx-



Pin assignment HID

PIN 1: VBUS
 PIN 2: D-
 PIN 3: GND
 PIN 4: n.c.
 PIN 5: D+



Pin assignment COM

PIN 1: n.c.
 PIN 2: TxD
 PIN 3: GND
 PIN 4: RxD
 PIN 5: n.c.