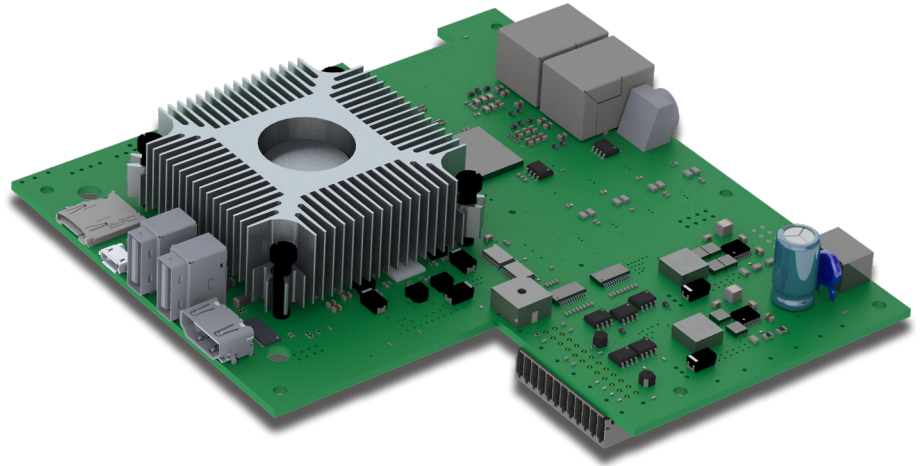


GIN-HMI

Single-Board Computer



- 1 GHz dual-core i.MX6 CPU
- HDMI and LVDS Interface
- HTML5 Support

Facts	
Fieldbus	1 × GinLink slave / 2 × GinLink slave *
Display interfaces	1 × HDMI 1.4 – Full HD, 1920x1080 1 × LVDS, 1366x768 1 × touch interface I ² C / SPI
Serial ports	2 × USB 2.0 Type-A
Feedback	1 × digital-incremental
Analog Inputs	8 × single-ended ADC inputs
Digital In-/Outputs	20 × digital inputs 3.3 V 21 × digital outputs 40 V / 50 mA
Buzzer	83 dB acoustic pressure
CPU	1 GHz dual-core i.MX6D NXP
L2 cache	1 MByte
Memory	2 GByte SDRAM, DDR3-1066
Non-volatile memory	4 GByte eMMC micro SD slot
Operating system	Linux (Yocto based)
Dimensions	30 × 150 × 140 mm (h × w × d)

* On request

The GIN-HMI single-board computer is the basis for sophisticated hand-held terminals and panel PCs. The board is connected to an Indel master via GinLink and communicates with its integrated web server using Ethernet-over-GinLink.

GIN-HMI runs an optimized Linux operating system, containing among other things a fully-fledged HTML5-compatible web browser. This makes it easy and efficient to create user interfaces with existing HTML5 tools.

Handwheel, joysticks and control buttons are linked directly to the real-time interfaces of the Indel master. Displays are connected to the Linux system using an HDMI or LVDS interface. For other peripherals such as touchscreens, USB ports are available.