

Industrial HMI Webpanel 10.1

Rugged ARM-based Touch Panel PC



Technical Data

Power Supply:
14 - 30 Vdc

Device Dimensions:
Height x Width x Depth
192.36 x 131.77 x 31.65 mm

Weight:
1800g

Environmental Conditions:
Storage Temp. -30 ~ +80°C
Operating Temp. -30 ~ +50°C
Relative Humidity 0 to 90%
(non-condensing)

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Features Display

- Size 10.1 inch
- Viewing area 218 x 136 mm
- Type LCD TFT, Ultra-wide viewing
- Mode transmissive
- Resolution 1280 x 800 pixels
- Backlight 800 cd/m²
- Colors 24-bit RGB

Touch

- Projected Capacitive Touch PCT
- Touch multitouch (Water, Glove support)

CPU

- Type NXP / Freescale i.MX8M mini Quad-Cortex A53
- Clock/Frequency 4 x 1,6 GHz
- SDRAM 1 GB DDR3 (Industrial)
- eMMC Flash 8 GB (Industrial)
- MicroSD SDHC



**Customized
Versions
available**

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Interfaces

- Network 1x 10/100/1000 Mbits/s Ethernet
- USB 1x USB 2.0 Hi-Speed Host
- 1 x status LED

Housing

- Aluminium frame in silver or black
- Mounting: Vesa or Clips
- Optical bonding front glass & touch panel
- Electronics housing material stainless steel
- Cover Glass 1,8 mm chemically strengthened glass
- Ingress Protection: Front IP67

Software Features and Tools

Fully functional board support package (BSP)

- Yocto Project including access to all standard packages
- HTML5, ANGULAR, QT5 GUI application development
- Responsive design (web page layout for mobile devices)
- Feature support for web server and web browser
- GPU hardware accelerated graphics support
- VPU hardware video encoding/decoding support
- Drivers for all interfaces

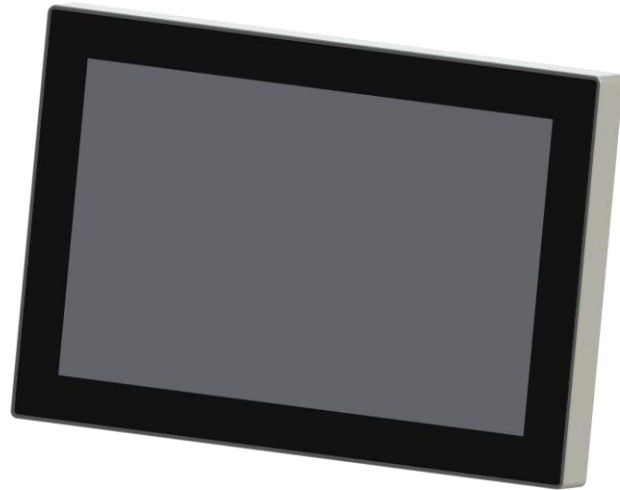
Ubuntu/Debian Linux virtual machine (VM) application development environment

- Cross compile/debug tools for integration eclipse IDE / QT creator
- QT5 with integrated development environment
- Demo applications with source code



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Front View



Rear View



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Mechanical drawings (in mm)

* AA: active area

