

DL i.MX6 ULL

Display-Line



Cost-effective Touch-Panel im Format 5"

- PCAP Multitouch
- Front in pure glass
- Embedded Linux operating system

| HUMAN-MACHINE-INTERFACE | | STANDARD |
|-------------------------|--|---|
| FUNCTION | FRONT | Glass front frame |
| | DISPLAY TOUCH | 5" TFT, 800 x 480 Pixel 450 cd/m ² PCAP Multitouch |
| OTHER | POWER SUPPLY POWER CONSUMPTION RTC BUFFERING DEBUG DIMENSIONS (W x H x D) INSTALLATION DIMENSION (W x H) TEMPERATURE RANGE PROTECTION CLASS | 24V DC +/-20% Linux running < 1,5 W CR1220 1x Console 130 x 89 x 38 mm 126 x 82 mm 0 °C...60 °C Front IP65 |
| CPU-UNIT | CPU | NXP i.MX6 ULL 1x Arm® Cortex®-A7 @800 MHz |
| MEMORY | DDR3-RAM NAND-FLASH NOR-FLASH eMMC SD-CARD nv MEMORY | 512 MByte 512 MByte 1 MByte 4 GByte 1x micro SD-Slot 8 kByte nvSRAM |
| COMMUNICATION | ETHERNET USB SERIAL CAN DIO AIO | 2x 10/100 Mbit/s 2x 2.0 Host, 1x 2.0 OTG 1x RS232, 1x RS485 1x CAN 2.0 2x DIO (24 V/bis zu 800 mA) 2x AIN (0...24 V) |
| SOFTWARE | BOOTLOADER OPERATING SYSTEM RTC | U-Boot Embedded Linux (Yocto Distribution) 5ppm accuracy |

Product Highlights

Modern, high-end touch displays have become a must-have for many applications. Many different versions are used across industries such as mechanical and plant engineering. In engineering, they may be deployed as operating and display units, in domestic technology for communicating with lighting, heating and shading systems. They are also used to simplify and optimize processes in the logistics industry.

Our cost-effective display-line panel in 5" format feature outstanding optical properties and a wide viewing angle. They are suited for installation in almost any assembly situation, such as mounting in control cabinets, operating consoles, or as variants with an all-glass front. The embedded Linux operating system, included free of additional license fees, offers a sound foundation for a wide range of applications and human-machine interfaces.

Client Benefits

- High-quality design
- Long-term availability
- Flexible configurable
- Compact design
- Excellent price-performance ratio

Applications

- HMI/MMI
- Mechanical engineering
- Building automation
- Automation
- Communication



About Kontron

Kontron is a global leader in IoT/Embedded Computing Technology (ECT) and offers individual solutions in the areas of Internet of Things (IoT) and Industry 4.0 through a combined portfolio of hardware, software and services. With its standard and customized products based on highly reliable state-of-the-art technologies, Kontron provides secure and innovative applications for a wide variety of industries. As a result, customers benefit from accelerated time-to-market, lower total cost of ownership, extended product lifecycles and the best fully integrated applications.

For more information, please visit: www.kontron.com

About Kontron Electronics

Kontron Electronics GmbH is a full-service provider in the field of electronics, development and manufacturing services. Our business portfolio includes proprietary and client-specific products, development and design services for complex electronics components, modules and systems, as well as production and assembly services for entire devices. The company is part of the technology corporation Kontron AG.

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