

kontron DL i.MX6 ULL Cost-Effective Touch-PANEL Im Format



kontron DL i.MX6 ULL Cost-Effective Touch-PANEL Im Format Owner's Manual

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Product Information

Specifications

- **CPU-UNIT:** DL i.MX6 ULL
- **MEMORY:** DDR3-RAM 512 MByte, NAND-FLASH 512 MByte, NOR-FLASH 1 MByte, eMMC 4 GByte, SD-CARD 1x micro SD-Slot
- **COMMUNICATION:** ETHERNET 2x 10/100 Mbit/s, USB 2x 2.0 Host, 1x 2.0 OTG, SERIAL 1x RS232, 1x RS485, CAN 1x CAN 2.0
- **SOFTWARE:** BOOTLOADER U-Boot, OPERATING SYSTEM Embedded Linux (Yocto Distribution), RTC 5ppm accuracy
- **DISPLAY TOUCH:** PCAP Multitouch, Front in pure glass
- **POWER SUPPLY:** POWER CONSUMPTION, RTC BUFFERING, DEBUG
- **DIMENSIONS:** (W x H x D) INSTALLATION DIMENSION (W x H), TEMPERATURE RANGE, PROTECTION CLASS

Product Usage Instructions

- **Installation**

Ensure the device is powered off before installation. Mount the panel in control cabinets or operating consoles securely to avoid any damage.

- **Power Supply**

Connect the appropriate power supply to the device following the recommended power requirements to ensure proper functioning.

- **Operating System**

The embedded Linux operating system provides a stable platform for various applications. Follow the user manual to navigate through the interface and utilize the features effectively.

- **Maintenance**

Regularly clean the display panel with a soft, dry cloth to maintain optimal performance and visibility.

FAQ

- Q: What are the applications suitable for this product?

A: The product is suitable for HMI/MMI, mechanical engineering, building automation, automation, and communication applications.

- Q: Does the product come with a warranty?

A: For warranty information, please refer to the warranty policy provided by Kontron Electronics GmbH.

Cost-effective Touch-Panel im Format 5“

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

Technical Information

HUMAN-MACHINE-INTERFACE		STANDARD
FUNCTION	FRONT	Glass front frame
	DISPLAY TOUCH	5" TFT, 800 x 480 Pixel 450 cd/m² 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 features 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.

For more information please visit: www.kontron-electronics.com

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Documents / Resources

	<p>kontron DL i.MX6 ULL Cost-Effective Touch-Panel Im Format [pdf] Owner's Manual DL i.MX6 ULL Cost-Effective Touch-Panel Im Format, DL i.MX6 ULL, Cost-Effective Touch-Pan el Im Format, Effective Touch-Panel Im Format, Touch-Panel Im Format, Panel Im Format, Im F ormat, Format</p>
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References

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