Kontron Control Panel with the high-performance i.MX8M Plus Processor

New Control Panel with a wide range of connectivity and optional CODESYS® SoftPLC

Ismaning, Germany, March 14, 2024 – [Kontron](#), a leading supplier of IoT/Embedded Computer Technology (ECT), is presenting its new Control Panel product line based on the latest processor technology at the Embedded World 2024 exhibition. The integrated software is based on Kontron's smart QIWI Toolkit and has the option to use CODESYS® SoftPLC.

Kontron has expanded its HMI portfolio to include high-performance Control Panels based on Arm® NXP i.MX8M Plus processors for device and machine controls and building automation. The new product line is characterized by its improved overall high computing and graphics performance, a wide range of connectivity and functions. The numerous interfaces allow for communication with various fieldbuses and cloud connections. In addition, the Control Panel with its internal M.2 slot and additional expansion connectors offers a wide range of customization options to meet the most diverse requirements.

The attractive case design with optically bonded multi-touch IPS displays (7" - 15.6" FHD) has been retained according to the compatibility promise. They are available with aluminium or stainless-steel frames and are specially designed for use in industrial applications and for ambient temperatures from 0 to +55 °C. The standard version is perfectly suited for installation in control cabinets and consoles with IP65 protection class at the front.

With the Controller Boards of the Control Panels, Kontron also provides the CU and CUmini top-hat rail computers, which are ideal for use as edge devices. Thanks to their modular design, the Control Panels and Control Units can be easily adapted to customer-specific requirements. Short delivery times, highest manufacturing quality, competent technical support is guaranteed. CODESYS® SoftPLC is optionally available for the fast and efficient implementation of sophisticated automation and visualization solutions.

The integrated QIWI Software Toolkit provides the user with options for easy configuration and parameterization of the device settings, browser properties and CODESYS® settings. For example, configuring the network, time and language settings and uploading certificates for

secure website connections is possible both from the device directly and remotely. In addition, the Toolkit provides a file and package manager as well as an update management system.

First samples will be available starting in Q2/2024.

Further information:

A photograph in high resolution is provided here:

https://profil-marketing.cloud/index.php/s/QYTZaFfZjfbYNbq

For more information, please visit:
https://www.kontron-electronics.com/products/touch-panel/

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- Latest information about Kontron is also available from the official Kontron Blog

About Kontron Electronics AG
Kontron Electronics AG has established itself as an automation solution supplier. The company is a strong partner in a diverse range of industries, such as industrial machinery and device manufacturing, medical technology and building automation. The range of products and services includes proprietary and customized products, development and design services for complex electronic components, modules and systems. The company is part of the technology corporation Kontron AG. More information is available here: www.kontron-electronics.com

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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.de

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