Kontron updates its High Performance Box PC with Intel® Core™ processors of the 14th generation

KBox B-201/202-RPL: Increased computing performance with a compact design and maximum expandability

Ismaning, Germany, March 21, 2024 – [Kontron](#), a leading global provider of IoT/Embedded Computer Technology (ECT), is now presenting its KBox B-201-RPL and KBox B-202-RPL Embedded Box PCs with powerful Intel® Core™ processors of the 14th generation at embedded world 2024 in Nuremberg. The update offers a significant increase in performance for demanding applications such as high-end image processing, SCADA/MES applications, Artificial Intelligence and Machine Learning.

Kontron's KBox B series is characterized by its high computing power, versatile expandability, compact design and low noise level (Whisper Quiet Operation).

The heart of the KBox B-20x-RPL remains the Kontron mITX motherboard K3833-Q, designed and manufactured in Germany, which now also supports the Intel® Core™ processors of the 14th generation with the introduction of the BIOS R2.12.0 update. This not only increases performance, but also ensures longer system availability. The new Intel® Core™ processors have up to 24 cores (8 Performance Cores and 16 Efficient Cores), which are based on the Intel Performance Hybrid Architecture.

With two GbE ports and ten USB ports (including USB-C), the KBox B-20x-RPL ensures high data throughput and connectivity. It also offers four DisplayPorts and a serial interface and, with an input voltage of 24 VDC or 230 VAC, is suitable for a wide range of industrial applications. Furthermore, fast wireless connections can be enabled via WiFi 6.

The KBox B-202-RPL offers one or two PCIe slots for versatile expansions. This allows network cards with up to 10 GbE or PCIe graphics cards to be integrated. Alternatively, a 3.5-inch hard disk with up to 12 TByte or two 2.5-inch removable drives can also be used.

The thermal concept with a low-noise fan ensures smooth operation at temperatures of up to +45 °C and therefore continuous, high-availability use around the clock. The systems can also be integrated in a space-saving manner thanks to their compact design.

KBox B-20x-RPL systems with the Intel® Core™ processors of the 14th generation will be available at the end of Q2/2024.

Further Information:

A photograph in high resolution is provided here:

https://profil-marketing.cloud/index.php/s/TGPEgeLBYo83CLx

For more information, please visit:

https://www.kontron.com/en/produkte/kbox-b-202-rpl/p178617

https://www.kontron.com/en/produkte/kbox-b-201-rpl/p178593

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About Kontron

Kontron AG (www.kontron.com, ISIN AT0000A0E9W5, WKN A0X9EJ, KTN) is a leading IoT technology company. For more than 20 years, Kontron has been supporting companies from a wide range of industries to achieve their business goals with intelligent solutions. From automated industrial operations, smarter and safer transport to advanced communications, connectivity, medical, and energy solutions, the company delivers technologies that add value for its customers. With the acquisition of Katek SE in early 2024, Kontron significantly strengthens its portfolio with the new GreenTec division, focusing on solar energy and eMobility, and grows to around 8,000 employees in over 20 countries worldwide. Kontron is listed on the SDAX® and TecDAX® of the German Stock Exchange.

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