

## **Kontron motherboard series now supports the latest Intel® Core™ processors of 14<sup>th</sup> generation**

*Higher performance and expandability for Mini-ITX, µATX and ATX motherboards*

Ismaning, Germany, February 29, 2024 – [Kontron](https://www.kontron.com), a global leader in IoT/Embedded Computer Technology (ECT), announces the release of BIOS Update R2.12.0 for all K38xx series motherboards. With this update, Kontron extends the support for Intel® Core™ processors from the 12th and 13th to the 14th generation for the ATX, Micro-ATX and Mini-ITX motherboards developed and produced in Germany.

The R2.12.0 update covers all existing platforms in Kontron's ATX, Micro-ATX and Mini-ITX form factors, including the powerful K3851-R ATX motherboard and the ultra-thin K3831-H Thin mITX, designed specifically for retail applications. The update not only ensures an increase in performance, but also longer platform availability.

### **Optimized performance for demanding applications**

Based on the Intel® Performance Hybrid Architecture, the new Intel® Core™ processors feature up to 24 cores (8 Performance Cores and 16 Efficient Cores). The Intel® Core™ i7 processors have received upgrades, now offering a maximum of 20 cores. These adjustments ensure optimized performance in demanding application scenarios. The CPU series also offers discrete support for the new Wi-Fi 7 wireless standard.

Support for the Intel® Core™ processors of the 14th generation will be available for all Micro-ATX motherboards, including K3842-Q µATX and K3841-Q µATX, from mid-March 2024. All ATX and Mini-ITX motherboards (K3851-R ATX, K3833-Q mITX, K3832-Q mITX and K3831-H Thin mITX) will follow in several steps. Kontron will be presenting the updated boards at embedded world 2024 in Nuremberg in Hall 3, Booth 3-159.

### **Further Information:**

A photograph in high resolution is provided here:

For more information, please visit: <https://www.kontron.com/en/products/boards-standard-form-factors/motherboards/c90377>

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**About Kontron**

Kontron AG ([www.kontron.com](http://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, medical, and energy solutions, the company delivers technologies that add value for its customers. Kontron is listed on the SDAX® and TecDAX® of the German Stock Exchange and has around 4,700 employees with subsidiaries in more than 20 countries around the world.

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