## [Featured Tools]

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Solutions and development tools for 32-bit RX671 that realizes high-speed real-time control and contactless HMI

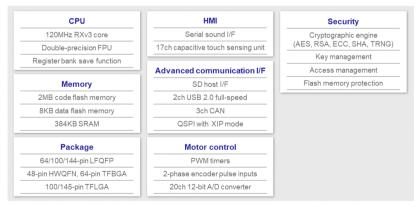
## Outline

This news introduces the features and development tool for the 32-bit RX671 microcontroller that realizes real-time control, contactless HMI control, and cloud connectivity on a single chip, making it ideal for real-time applications such as HVAC and smart meters.



## 1. RX671 product overview

This product is a 32-bit microcontroller ideal for real-time applications such as HVAC and smart meters. The RXv3 core running at 120MHz and the on-chip flash memory with 60MHz high-speed read access provide outstanding real-time performance. In addition, serial sound I/F and capacitive touch sensing unit contribute to realizing HMI control on a single chip. By implementing RTOS and connecting to a wireless module, it is possible to link up with cloud computing services.





URL: https://www.renesas.com/RX671