



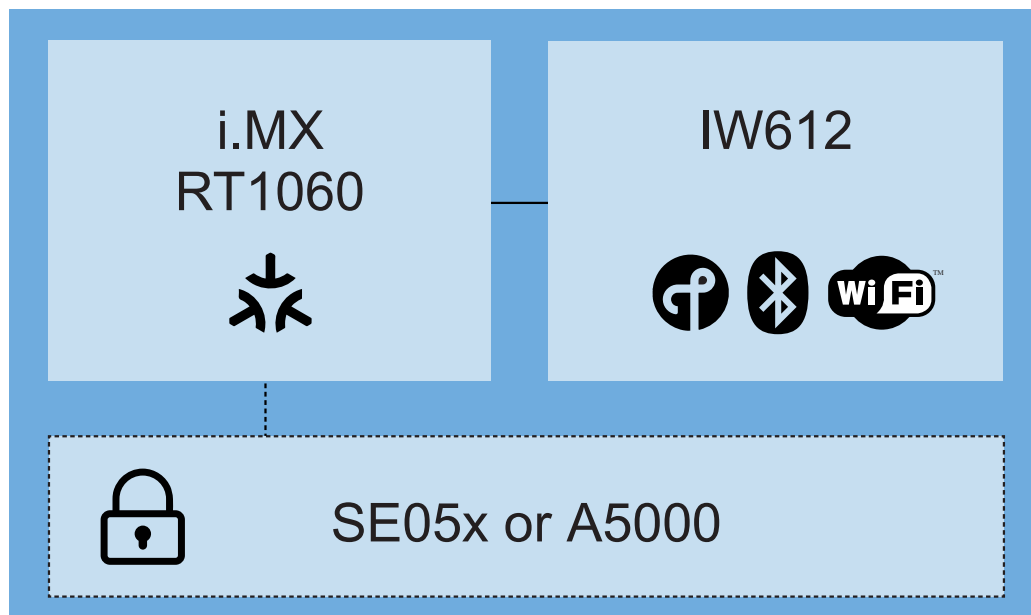
MCU / RTOS Hosted Matter Development Platform

MCU-RTOS-MATTER-DEV-PLATFORM

Last Updated: Dec 23, 2025

NXP's MCU / RTOS Hosted Matter Development Platform includes the hardware, software and enablement needed to create an edge node using the i.MX RT1060 MCU as the host device paired with the highly-integrated IW612 tri-radio. Leveraging the MIMXRT1060-EVK development board (and optional boards OM-SE051ARD or OM-A5000ARD), customers can use the Matter software found at [GitHub](#).

MCU / RTOS Hosted Matter Development Platform Block Diagram



■ NXP Technology □ Security can be expanded 🔒 EdgeLock Assurance Security and EdgeLock 2GO Provisioning Services supported

View additional information for [MCU / RTOS Hosted Matter Development Platform](#).

Note: The information on this document is subject to change without notice.

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2026 NXP B.V.