



Secure, Energy-Efficient Linux Capabilities for Smart Home and Industrial Automation

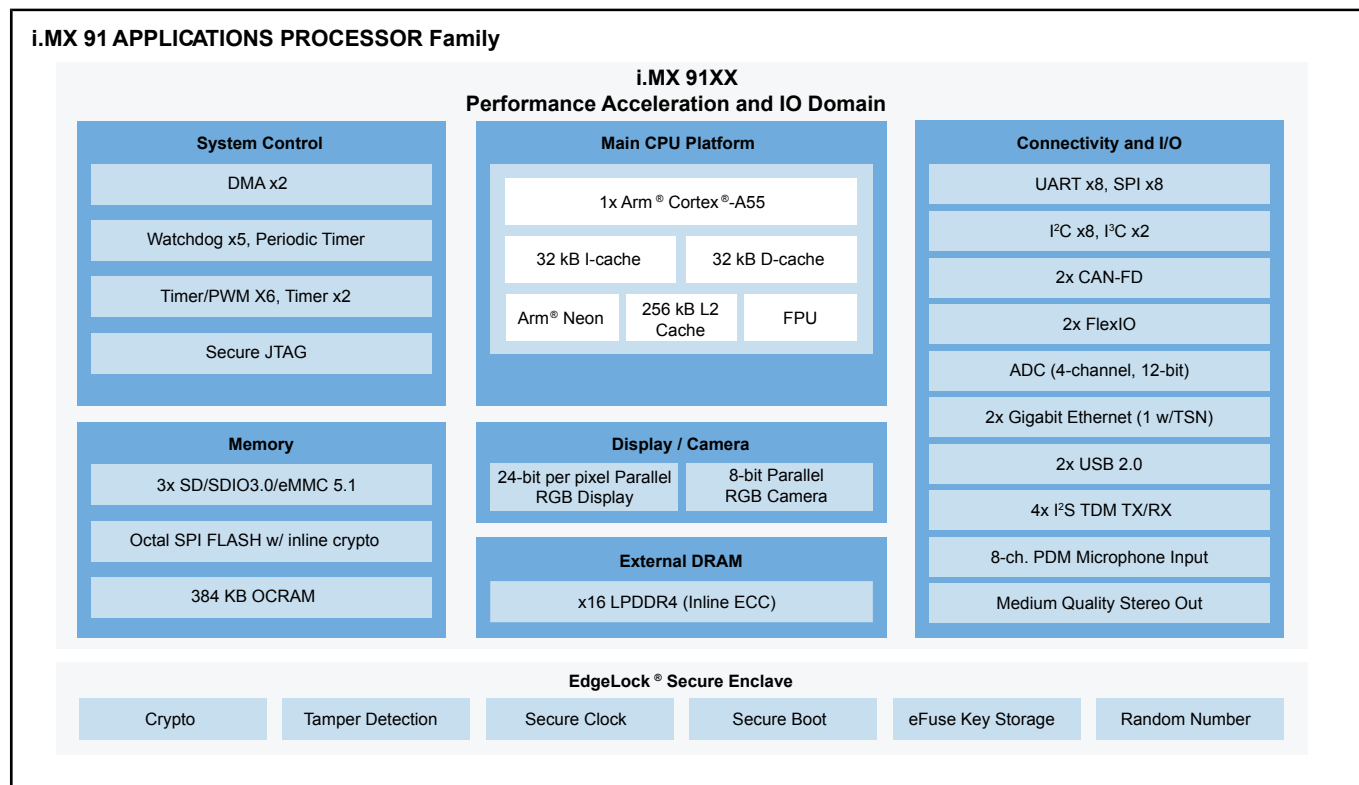
i.MX91

Active

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The i.MX 91 family of applications processors enables smart home controllers, home entertainment, connected appliances, [industrial automation](#) and [medical platforms](#) applications. Powered by an Arm® Cortex-A55, i.MX 91 MPUs integrate a single chip PMIC, [PF9453](#), to enable the rapid creation of Linux-based IoT edge devices. Emerging protocols, such as Matter® for the smart home or the ISO 15118-20 standard for electric vehicle (EV) chargers, create inflection points for new product categories across IoT and industrial markets.

i.MX 91 Applications Processor Family Block Diagram



View additional information for [Secure, Energy-Efficient Linux Capabilities for Smart Home and Industrial Automation](#).

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