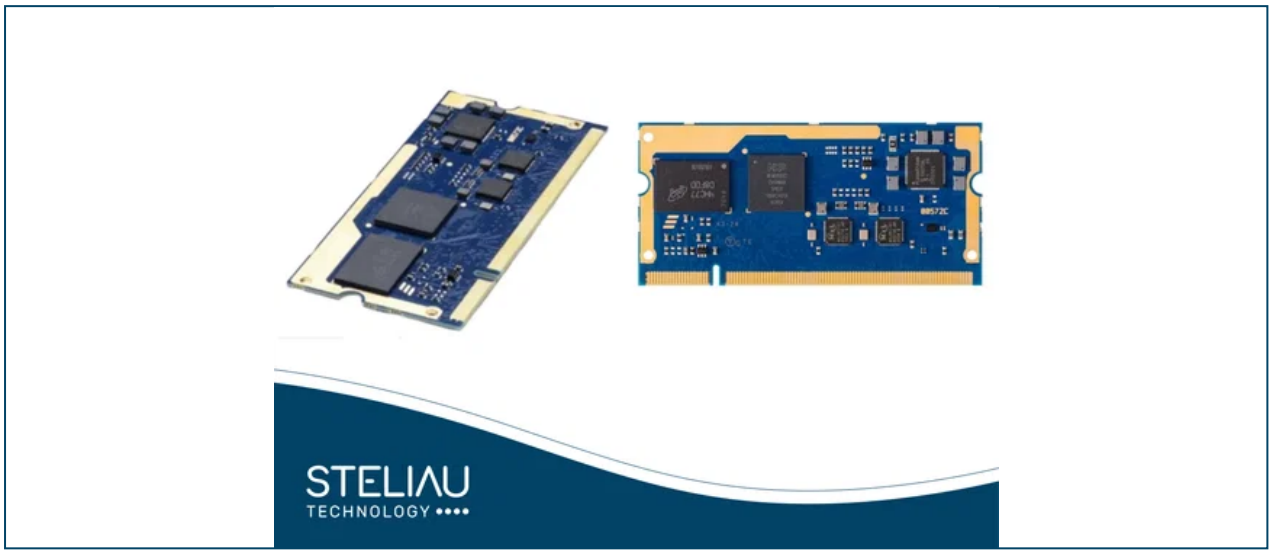
ENGICAM I.CORE MX93



i.Core MX93 is the new SOM based on the latest **NXPs i.MX93 and i.MX91 processor,** equipped with **Arm Cortex®-A55 @ up to 1.7 GHz processor with dedicated NPU**.
This energy-efficient SOM is developed on **EDIMM 2.0** versatile pinout and is suitable for machine learning, IoT, industrial, and automotive devices.
i.Core MX93 includes industrial features and temperature, **a comprehensive set of peripherals**, connectivity options such as 2x USB 2.0, and several display outputs.

Key Features

- **CPU:** NXP i.MX 93
- **Graphics & AI:** Arm® Ethos™ U-65 microNPU Hardware Compositor for Blending/Composition, Resize, Color Space Conversion
- **Networking:** 2x 1Gb Ethernet
- **Audio:** I2S Interface
- **Operating System:** Linux
- **Dimensions:** EDIMM 2.0 67.6 x 32 mm
- **Peripheral Interfaces:** 4x UART (Up to 6); 2x I2C (Up to 8); 1x SPI (Up to 6); JTAG; 2x CAN; 2x SDIO; GPIOs; RGMII option
- **Cores:** ARM, Up to Dual Arm® Cortex®-A55 @ 1.7 GHz with Arm® Ethos™ U-65 microNPU and Arm Cortex-M33 @ 250MHz 2 cores
- **Video Interfaces:** DSI, LVDS
- **USB:** 2x USB2
- **Memory:** LPDDR4X@3700MTs 1GB up to 2GB

- **Mass Storage:** Starting from 4 GB soldered on-board EMMC
- **Power Supply:** single 5V
- **Operating Temperature:** -40° up to 85°

For full product
info and datasheet
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