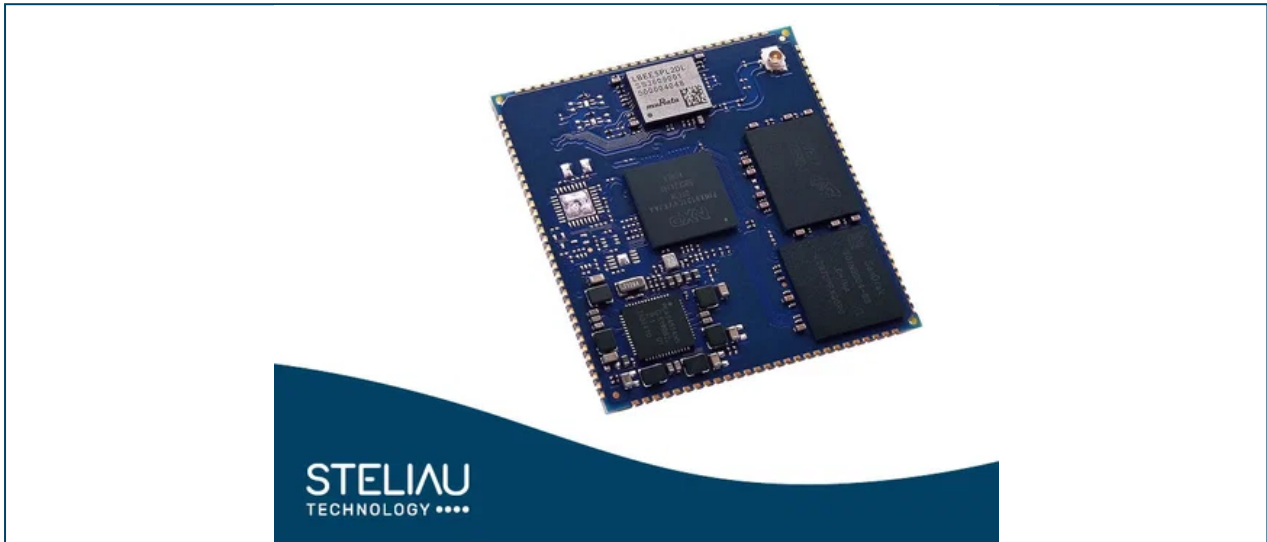


EMBEDDED, WIRELESS SYSTEM-ON-MODULE BASED ON THE NXP I.MX 91/93 PROCESSOR



Digi ConnectCore® 91/93, based on the NXP® i.MX 91/93 application processor, is a secure, integrated system-on-module (SOM) platform with dual-band Wi-Fi 6 and Bluetooth 5.4 wireless connectivity.

The Digi ConnectCore 91/93 SOM is designed for reliability across a wide range of medical, industrial, energy, and transportation applications, including Internet of Things (IoT), automation, human-machine interface (HMI), equipment monitoring, audio/voice, edge computing and machine learning (e.g. anomaly detection).

Digi ConnectCore 91/93 features up to two power-efficient Arm Cortex®-A55 cores and NXP PMIC for maximum power efficiency. Digi ConnectCore 93 also includes a Cortex-M33 core and AI/ML Arm Ethos U65 NPU, plus video and graphics capabilities. The SOMs are designed for industrial reliability and 10+ year product lifecycles of embedded devices. The Digi SMTplus surface-mount form factor provides simplified design integration, efficiency and reliability. Digi ConnectCore 91 is also pin-compatible with ConnectCore 93.

Main Features:

- Industrial i.MX 91/93 single/dual-core embedded SOM platform
- AI/ML Arm® Ethos U65 micro neural processing unit (NPU)

- Pre-certified dual-band 802.11ax Wi-Fi 6 and Bluetooth® 5.4
- Digi SMTplus® form factor (40 mm x 45 mm) for ultimate reliability
- Superior power management with hardware and software support
- Seamless cellular modem and Digi XBee® integration
- High level of pin-compatibility with Digi ConnectCore® 8 SOMs
- Built-in Digi TrustFence® device security, identity and privacy
- Remote management with Digi ConnectCore Cloud Services
- Digi Embedded Yocto Linux® support



For full product
info and datasheet
[Click here](#)

Digi

Digi International (Digi) is a leading global provider of mission-critical and business-critical machine-to-machine (M2M) and Internet of Things (IoT) connectivity products and services.

