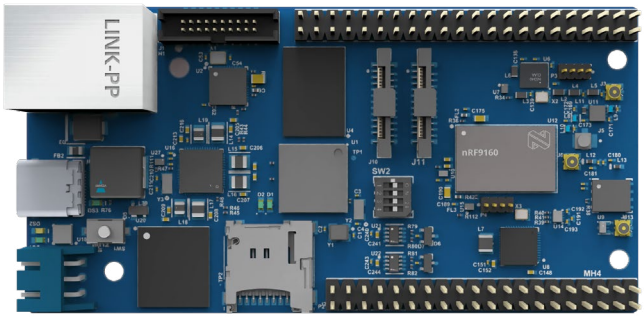
KSTR-IMX93
Single Board Computer

CONCLUSIVE ENGINEERING



KSTR-IMX93 key features:

- **First Linux capable Single Board Computer featuring Nordic Semiconductor solutions**
- **All-in-one wireless solution featuring i.MX93 and nRF91, nRF53, and nRF7002**
- **Ultra low-power IoT platform with Li-Ion battery support**
- **Versatile connectivity options: Wi-Fi, Thread, Bluetooth, Zigbee, and LTE**

About Conclusive Engineering

We provide reliable development and consulting services for various embedded platforms, assisting enterprises and manufacturing companies in optimizing their processes through tailored embedded system services, products, and hardware solutions.

For more information contact:
sales@conclusive.pl

KSTR-IMX93 Specifications	
SoC	NXP i.MX93 - 1-2 core Arm® Cortex®-A55 1.7 GHz CPU - 1 core Arm® Cortex®-M33 250 MHz CPU
Nordic solutions	nRF5340 nRF9161 nRF7002
Memory	LPDDR4 (512 MB, 1 GB or 2 GB) Up to 128 GB eMMC uSD card slot
Ethernet	1x 1 Gbit/s RJ-45 1x 1 Gbit/s with RGMII interface
USB	USB 2.0 OTG Type-C
Wireless connectivity	LTE Cat-M1 / NB-IoT WiFi 6 2.4 GHz and 5 GHz Bluetooth 5.4 802.15.4 Thread DECT NR+ GNSS built in E-SIM / Soft SIM
Features	MIPI-DSI MIPI-CSI2 2x CAN-FD transceiver 4x UART 3x I2C 1x SPI 4x ADC up to 37x i.MX93 GPIO up to 15x nRFxx GPIO
Software	i.MX93: Linux 6.1 & 6.5, U-Boot, Yocto, Buildroot, Ubuntu, FreeBSD (on request), Zephyr RTOS (integrated M33 core) nRFxx: Zephyr RTOS
Power	5V USB Type-C External Li-Ion battery with charging, charge level and temperature monitoring support. PoE IEEE 802.3af
Dimensions	50 x 100 mm

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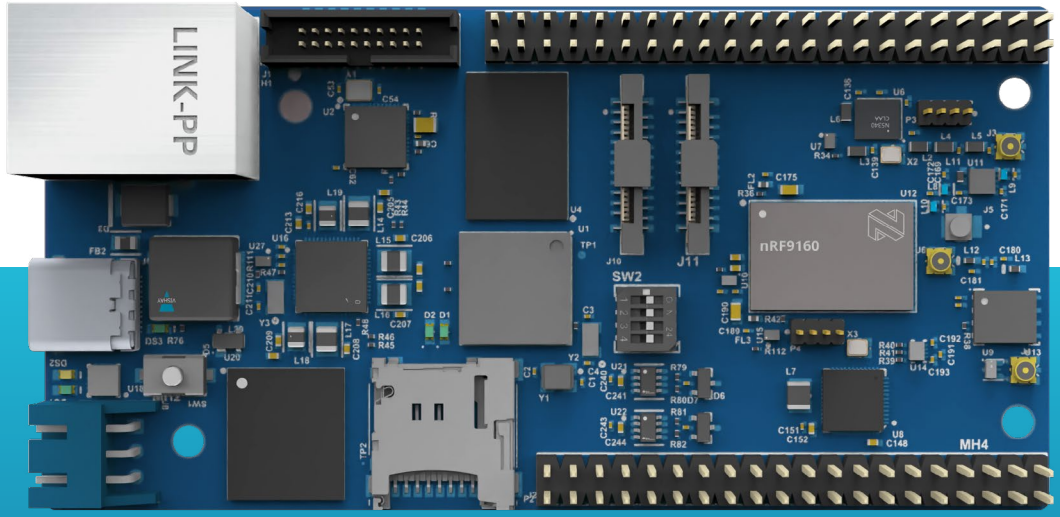

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