

Introducing Ezurio's Cold Chain Solutions

BLE + LoRaWAN-Enabled Modules, Sensors, and Gateway

Cold chain and kitchen equipment rely on reliable connectivity for continuous temperature monitoring, real-time alerts, and food safety compliance tracking.



Sentrius™ RS26x Sensor

Battery powered LoRaWAN + Bluetooth LE IP67 internal or external temperature sensor with real-time alerting for food safety compliance.

Key Features

- Max Range with minimal power consumption saving battery life
- IP67 robust enclosure with integrated custom antenna
- No lost data with automatic transmission of stored backlog



Sentrius™ RG1xx Gateways

Combines multiple interfaces (LoRaWAN, Wi-Fi, LTE and Ethernet) into a single, robust gateway design.

Key Features

- Full Linux Operating system: on-board Linux v4.x Kernel running on Atmel A5 @ 536 MHz
- Support for new Semtech Basics Station forwarder, ChirpStack, Senet, AWS IoT Core, Actility, and TTN
- Broader region support: North America, EU, Australia, Taiwan, Hong Kong, New Zealand



Learn more at ezurio.com/rs26x-series

ezurio

Flexible Embedded Computing with Touch Displays & Wireless

Future-Ready System-on-Modules

Configurability: Build a System-on-Module (SOM) to your specification. Choose your processor, radio, display size, memory, enclosure, and more.

Hardware Upgrade Roadmap: Easily choose and upgrade to the latest processors and wireless options



High-End
Tungsten700 SMARC
Genio 700 processor



Mid-Range
Nitrogen8M Plus SMARC
i.MX 8M Plus processor



Value
Nitrogen93 SMARC
i.MX 93 processor



High-End
CarbonAM67 OSM-MF
TI AM67 processor



Mid-Range
CarbonAM62 OSM-MF
TI AM62 processor



Value
Nitrogen IMX91 OSM-SF
i.MX 91 processor

BT/Wi-Fi/LoRAWAN

BL54x Series

- Power-efficient BT 5.4 sensors, handheld tools, & monitoring systems



Sona Wi-Fi 6/6E Modules

- Secure Wi-Fi 6 / 6E + BT 6.0 connectivity for kitchens, equipment, & front-of-house



RM126x Series

- Ultra-Low Power LoRaWAN module for sensors & equipment monitoring



Industrial HMI



Fully integrated 10.1" touchscreen, powered by Nitrogen8M Plus SMARC SOM and dedicated HMI carrier board. Integrated Sona™ NX611 Wi-Fi 6 and Bluetooth 5.4 connectivity, AI acceleration, and long-term support.

Key Features

- Pre-configured HMI Platform: Ready to deploy 10.1" touch display
- I/O and Interfaces: CAN, RS485, SPI, GPIO, USB, HDMI, and audio directly through enclosure for easy integration.
- US Based Manufacturing: Built in our Irvine, CA facility for quick prototype and streamlined supply chain.
- Ready to prototype kit: ships with power supply and cables for immediate out-of-box testing

Evaluation Kits

A Powerful and Complete Kit

- 7" Touch Display
- SOM + Carrier Board
- Pre-Certified Wi-Fi 6 + BT
- Wi-Fi + BT Antennas
- Optional 4K Camera

Nitrogen95 EVK

- NXP i.MX 95 processor



Nitrogen93 EVK

- NXP i.MX 93 processor



CarbonAM62 EVK

- TI AM62 processor



Learn more at ezurio.com/som

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