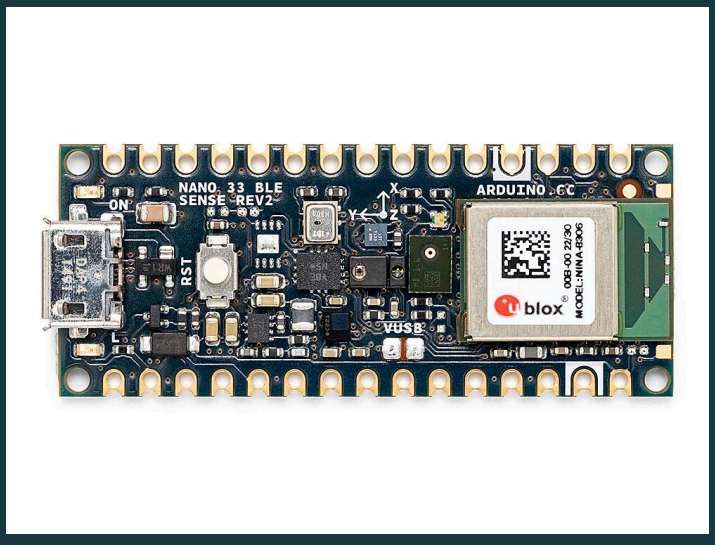
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INDUSTRIAL PRODUCT DATASHEET

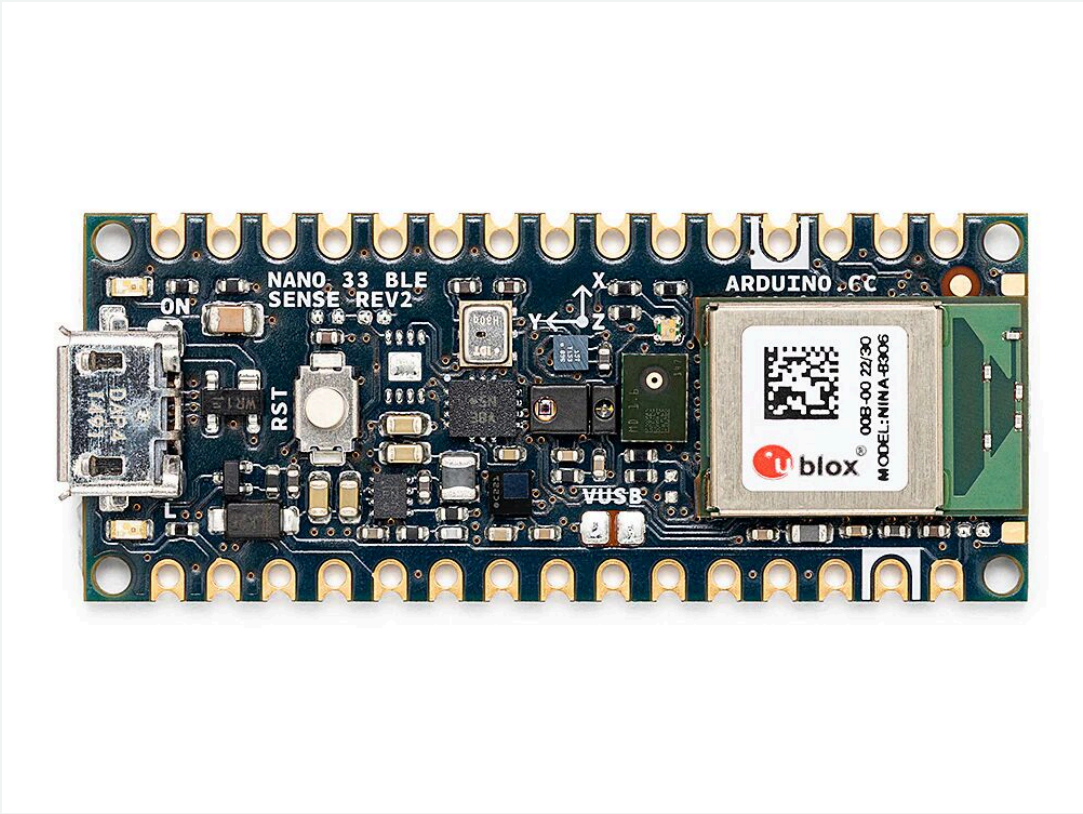
Arduino Nano 33 BLE Sense Rev2 - nRF52840 processor, BLE, AI-enabled, multiple onabord sensors, finger-size, Arduino and Python support

Arduino Nano 33 BLE Sense Rev2 is an AI-enabled, finger-size development board, assembled with various sensing modules and BLE functions, programmable by both Arduino and Python.

SKU	UPDATED	PRICE
102991759	2026-11-11 08:54:45	$40.50(Excl. VAT)



Overview



Arduino Nano 33 BLE Sense Rev2 is an AI-enabled, finger-size development board, assembled with various sensing modules and BLE functions, programmable by both Arduino and Python. It provides great convenience for the realization of Embedded AI and IoT.

Key Features

01 **AI-enabled Arduino Development Board**

Build upon the nRF52840 microcontroller and runs on Arm® Mbed™ OS, competent for embedded ML

02 **Bluetooth Wireless Capability**

Equip a 2.4 GHz Bluetooth® 5 low-energy module, and assembled an internal antenna

03 **All-in-one Sensing Functionality**

Assemble multiple modules for the detection of motion, audio, proximity, gesture, barometric pressure, temperature, and humidity

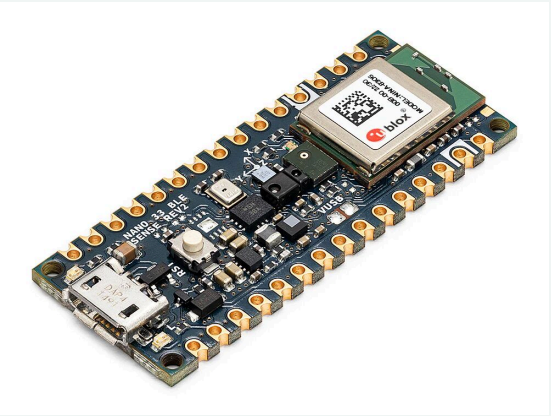
04 **Finger-size Board**

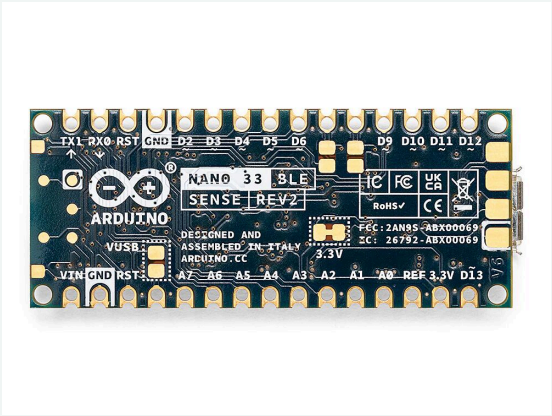
Portable, suited for anywhere

05 **Multiple Development Approaches**

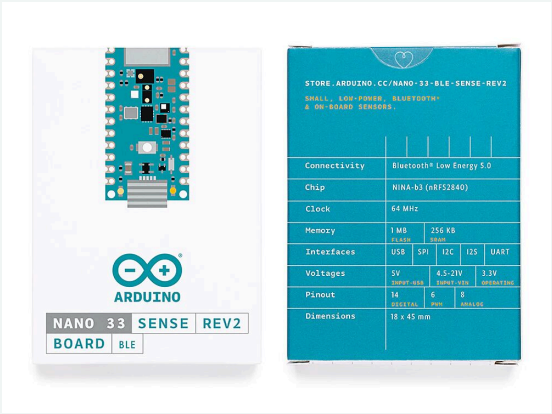
Python support, Lauterbach TRACE32 debugger support

Product Gallery









Applications

- Enable Embedded AI with Edge Impulse or Tensor Flow Lite
- Wearable Devices
- Movements Recognization
- Room Temperature Monitoring and Controlling
- Gesture or Voice Recognition Device

Resource Links

- https://www.seeedstudio.com/Arduino-Nano-33-BLE-Sense-Rev2-p-5582.html
- Datasheet
- Schematics
- Get Started

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