

**Order Code :** ARDUINO NANO 33 BLE

**Brand :** Arduino

**Name :** Original ARDUINO NANO 33 BLE Board (With Header)



**Specification : -**

- Microcontroller: NRF52840
- Radio module: u-blox NINA-W102
- Secure Element : ATECC608A
- Operating Voltage: 3.3V
- Input Voltage (limit) : 21V
- DC Current per I/O Pin: 7 mA
- Clock Speed: 48MHz
- The Nano 33 BLE (with Soldered Headers) is Arduino's 3.3V compatible board in the smallest available form factor: 45x18mm!
- This board is an upgrade to Arduino NANO with ease of use of a Nano board with the addition of secure IoT and BT connectivity. The Bluetooth connectivity combined with its low-power architecture makes it a practical and cost-effective solution for your connected projects.
- The Arduino Nano 33 BLE is a completely new board on a well-known form factor. It comes with an embedded 9-axis inertial sensor which makes this board ideal for wearable devices, but also for a large range of scientific experiments in the need of short-distance wireless communication.

## **Bluetooth and BLE**

- The communications chipset on the Nano 33 BLE can be both a BLE and Bluetooth client and host device. Something pretty unique in the world of microcontroller platforms. If you want to see how easy it is to create a Bluetooth central or a peripheral device.