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INDUSTRIAL PRODUCT DATASHEET

MDK nRF52840 Dongle with Case - compatible with Zigbee/Thread/Bluetooth Mesh, Ultra-Low Power, Enhanced Security, for Smart Home

The nRF52840 Micro Dev Kit USB Dongle is a compact and affordable development platform that utilizes the powerful nRF52840 multi-protocol SoC, all conveniently packed into a USB dongle form factor.

SKU	UPDATED	PRICE
113990714	2026-11-11 08:19:47	$25.00(Excl. VAT)



Overview



The nRF52840 Micro Dev Kit USB Dongle is a compact and affordable development platform that utilizes the powerful nRF52840 multi-protocol SoC, all conveniently packed into a USB dongle form factor.

Key Features

01 **Multi-protocol compatibility**

Supports Bluetooth 5, Bluetooth Mesh, Thread, Zigbee, IEEE 802.15.4, ANT, and 2.4 GHz proprietary stacks.

02 **Easy programming**

Comes with USB-enabled bootloader and supports programming via nRF Connect for Desktop or nRFUtil.

03 **Enhanced Thread capabilities**

Compatible with OpenThread Border Router for seamless integration into Thread networks.

04 **Thread network analysis**

Includes Thread Network Sniffer with Wireshark for advanced network analysis.

05 **Network performance monitoring**

Provides Thread Topology Monitor for insights into network performance.

Product Gallery







Resource Links

- https://www.seeedstudio.com/nRF52840-MDK-USB-Dongle-w-Case-p-4094.html
- Product Wiki
- Getting Started
- How to program the Dongle
- Getting Started with nRF5 SDK
- Getting Started with nRF Connect SDK
- How to Build an OpenThread Border Router with Raspberry Pi 3B
- How to Build a Thread Network Sniffer with Wireshark
- Hardware Resources

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