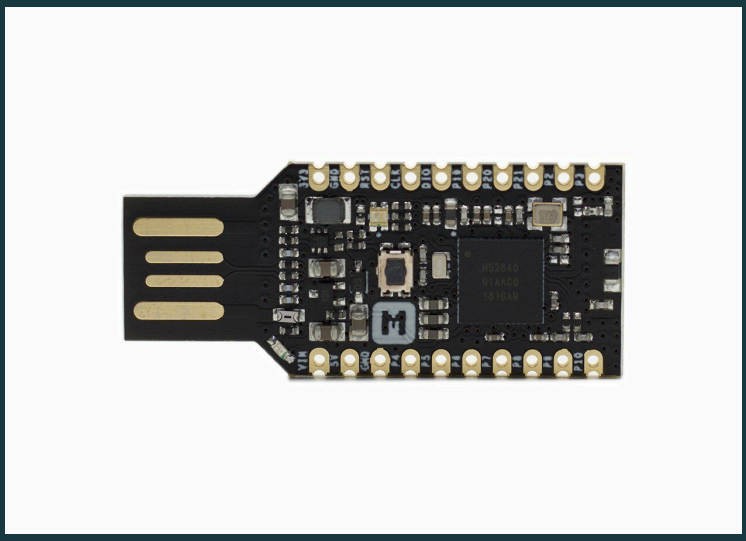
seeed studio

INDUSTRIAL PRODUCT DATASHEET

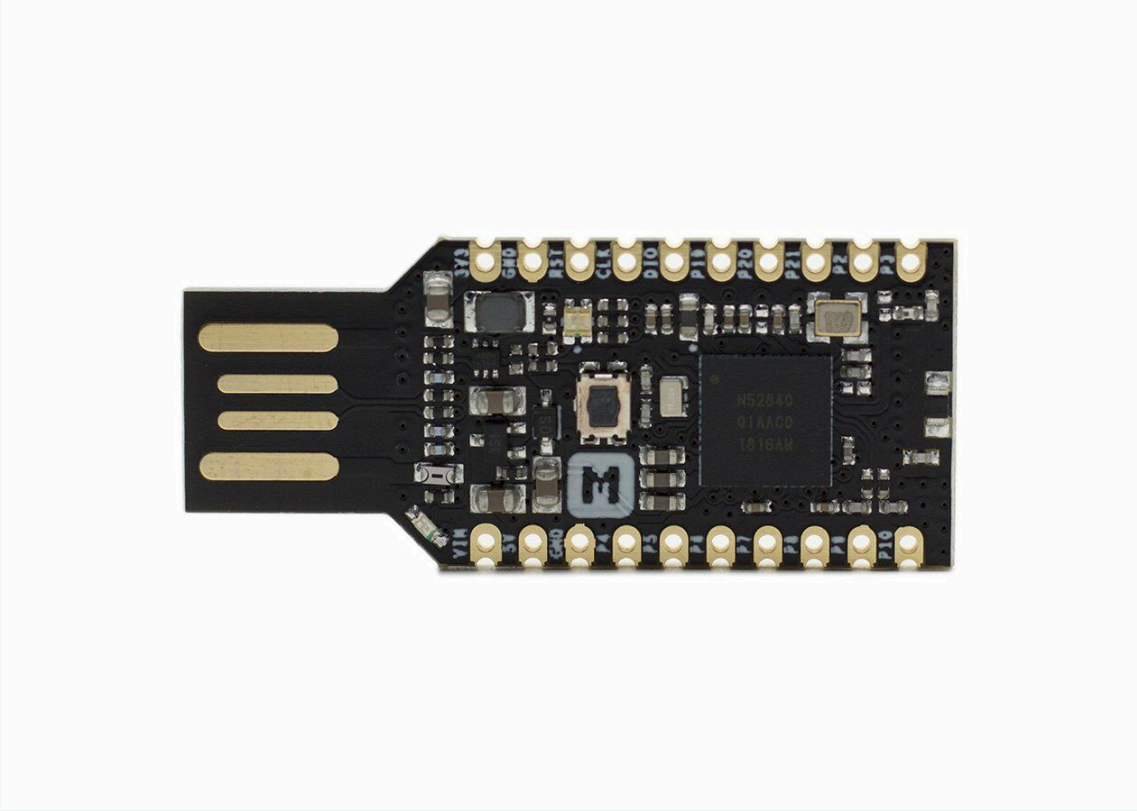
MDK nRF52840 Dongle - Versatile Multi-Protocol, Ultra-Low Power, Enhanced Security

The nRF52840 Micro Dev Kit USB Dongle: A versatile, energy-efficient, and secure development platform with multi-protocol support, ample storage, and a convenient USB dongle form factor.

SKU	UPDATED	PRICE
102080028	2026-11-11 08:10:58	$14.90(Excl. VAT)



Overview



The nRF52840 Micro Dev Kit USB Dongle: A versatile, energy-efficient, and secure development platform with multi-protocol support, ample storage, and a convenient USB dongle form factor.

Key Features

01 **Versatile multi-protocol support**

Bluetooth 5, Bluetooth Mesh, Thread, Zigbee, 802.15.4, ANT, and 2.4GHz proprietary protocols in one device.

02 **Ultra-low power Cortex-M4F processor**

Optimized for energy efficiency.

03 **Enhanced security**

ARM TrustZone Cryptocell 310 security subsystem onboard.

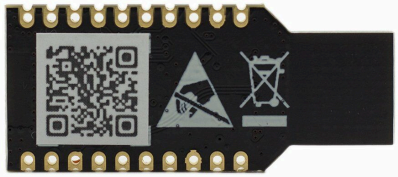
04 **Ample storage and expandability**

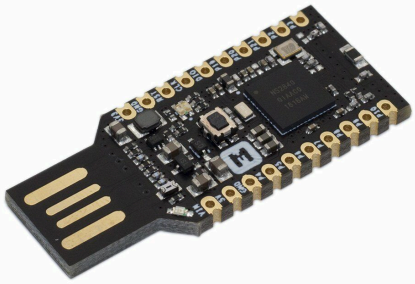
1MB flash, 256KB RAM, and up to 12 GPIOs.

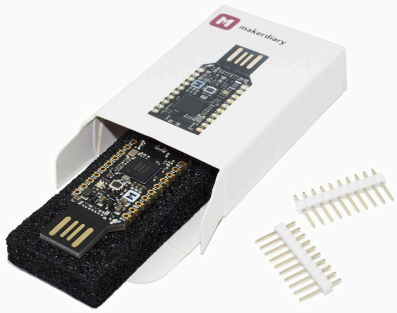
05 **Convenient form factor**

Compact USB dongle with breadboard-friendly headers.

Product Gallery







Resource Links

- https://www.seeedstudio.com/nRF52840-MDK-USB-Dongle-p-3184.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

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com