

## LTE IoT 4 Click



PID: MIKROE-4477

**LTE IoT 4 Click** is a compact add-on board that contains an IoT module with worldwide coverage. This board features the nRF9160, highly integrated, low-power SiP with LTE-M/NB-IoT and GPS from Nordic Semiconductor. The nRF9160 has an integrated ARM® Cortex®-M33 processor supported by 1MB of Flash and 256KB RAM memory with advanced security features. It can operate globally, eliminating any need for regional variants, and supports SIM connection and authentication with mobile network operators. This Click board™ is suitable for applications such as logistics and asset tracking, predictive maintenance, industrial, smart agriculture, and many more.

LTE IoT 4 Click is supported by a [mikroSDK](#) compliant library, which includes functions that simplify software development. This [Click board™](#) comes as a fully tested product, ready to be used on a system equipped with the [mikroBUS™](#) socket.

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.  
ISO 14001: 2015 certification of environmental management system.  
OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).

## Specifications

Type	GPS/GNSS,LTE IoT
Applications	Can be used for applications such as logistics and asset tracking, predictive maintenance, industrial, smart agriculture, and many more.
On-board modules	nRF9160 - highly-integrated System-in-Package (SiP) with integrated ARM® Cortex®-M33 processor, multimode LTE-M/ NB-IoT modem, RF front end (RFFE), GPS, and power management from Nordic Semiconductor.
Key Features	Low power consumption, fully integrated SiP, multimode LTE-M/NB-IoT modem with integrated RFFE, assisted GPS, certified for global operation, and more.
Interface	I2C,SPI,UART
ClickID	No
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

## Resources

[mikroBUS™](#)
[mikroSDK](#)
[Click board™ Catalog](#)
[Click boards™](#)

## Downloads

[LTE IoT 4 click 2D and 3D files](#)
[nRF9160 datasheet](#)
[LTE IoT 4 click schematic](#)
[LTE IoT 4 click example on Libstock](#)

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.  
ISO 14001: 2015 certification of environmental management system.  
OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).