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IoT ExpressLink 3 Click

PID: MIKROE-5891

IoT ExpressLink 3 Click is a compact add-on board that allows users to connect easily to IoT ExpressLink services and securely interact with cloud applications and other devices. This board features the NORA-W256WS, a standalone multi-radio module from u-blox. The module supports Wi-Fi radio at 802.11b/g/n standard and 2.4GHz of ISM band. It also supports the Bluetooth Low Energy 5. The embedded AWS IoT ExpressLink-compliant software includes secured pre-flashed certificates in the module. This Click board™ makes the perfect solution for the development of smart homes, industrial automation, health care, consumer electronics, and many more.

IoT ExpressLink 3 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.

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Specifications

Type	Cloud Routers,WiFi
Applications	Can be used for the development of smart homes, industrial automation, health care, consumer electronics, and many more
On-board modules	NORA-W256WS - standalone multi-radio module from u-blox
Key Features	AWS IoT ExpressLink connectivity with pre-provisioned AWS connectivity, easy integration with high-level commands, WiFi 802.11b/g/n, Bluetooth Low Energy 5, enhanced security features, printed antenna, global certification, and more
Interface	UART
ClickID	Yes
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

[ClickID](#)

Downloads

[IoT ExpressLink 3 click example on Libstock](#)

[IoT ExpressLink 3 click 2D and 3D files](#)

[NORA-W256AWS datasheet](#)

[IoT ExpressLink 3 Click schematic](#)