

INDUSTRIAL PRODUCT DATASHEET

Wio-SX1262 for XIAO

Compact, low-power LoRa module for XIAO with Semtech SX1262 (868/915 MHz) for smart agriculture, industrial IoT, environmental monitoring, and educational projects.

SKU

113010003

UPDATED

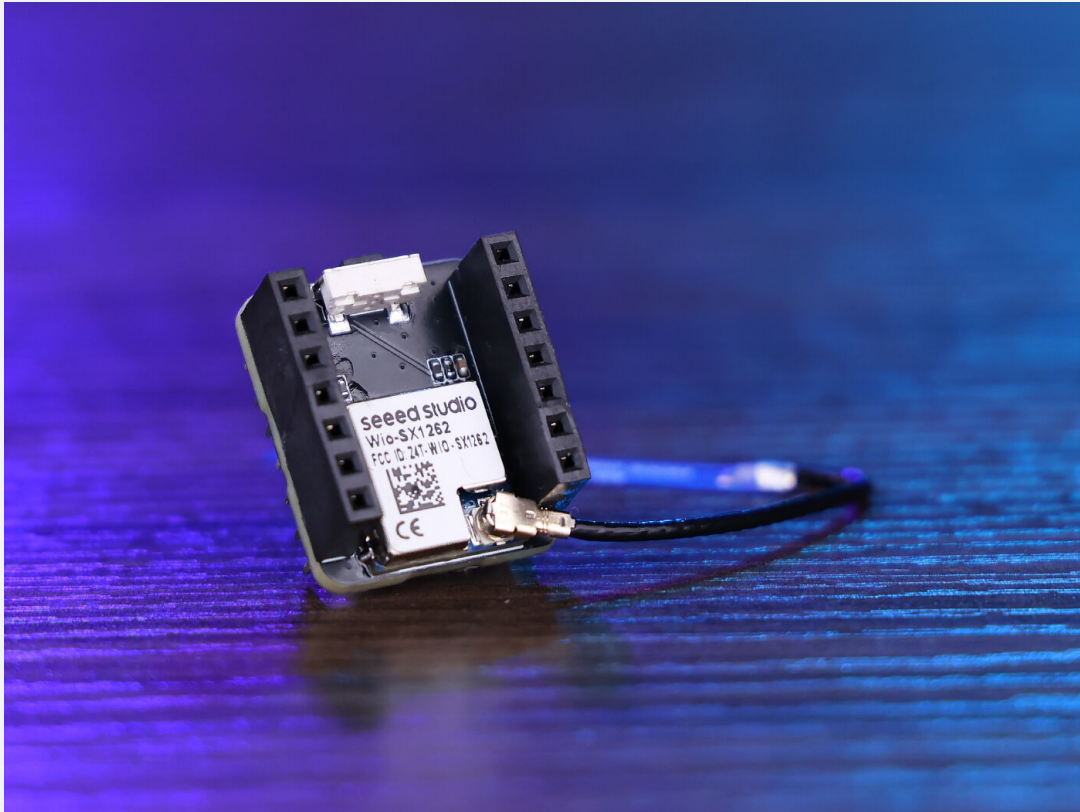
2026-09-21 09:59:41

PRICE

\$4.99(Excl. VAT)



Overview



The Wio-SX1262 for XIAO is a compact, low-power LoRa module optimized for plug-and-play compatibility with XIAO boards, featuring the Semtech SX1262 for long-range communication on 868/915 MHz bands. Suitable for versatile applications including smart agriculture, industrial IoT, environmental monitoring, and education, it offers rich development support and access to Seeed Fusion PCBA services.

Key Features

- **Optimized for XIAO:** Pin headers for plug-and-play compatibility with XIAO boards, no soldering needed.
- **Powerful LoRa Performance:** Long-range LoRa on Semtech SX1262, supports 868/915 MHz bands.
- **Compact Size and Low Power Consumption:** Compact, low-power design fits space-limited devices.
- **Rich Development Support:** Provides detailed development documentation, example code, and tutorials to help developers get started quickly.
- **Versatile Applications:** Delivers high-performance LoRa communication capabilities, suitable for IoT sensor networks, and environmental monitoring.

Seeed Fusion PCBA Services

With our [Seeed Studio Fusion](#) services, you can access competitive **one-stop PCB fabrication, component sourcing, assembly, and testing, plus free DFA/DFM review** to reduce manufacturing risks and accelerate the journey from prototype to production.

Product Gallery

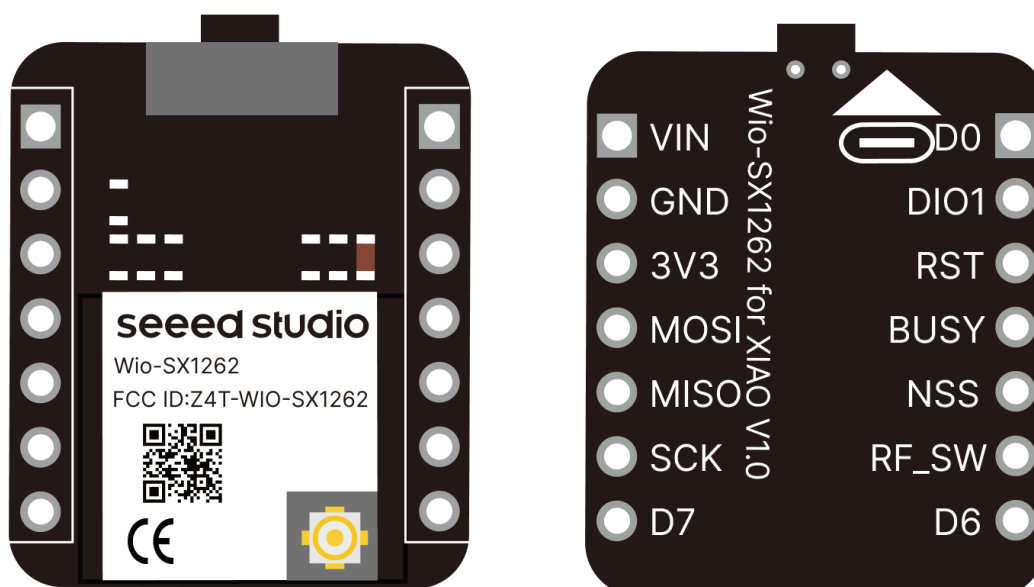


Specification

LoRa Chip	Semtech SX1262
Frequency	862-930MHz

Interface	Standard XIAO Pin Headers (compatible with XIAO series) • 1xSPI(connect to XIAO) • 1xUser button
Output Power	22dBm max @862-930MHz
Sleep Current	1.62 μ A
Dimensions	Stacks with XIAO boards, total height 21 mm.

Hardware Overview



Applications

- **Smart Agriculture:** Monitor soil moisture and temperature remotely.
- **Industrial IoT:** Collect and control data from industrial equipment.
- **Environmental Monitoring:** Track river levels and weather changes with low-power nodes.
- **Education and Open-Source:** Explore LoRa technology in educational projects.

Part List

Wio-SX1262 for XIAO	x1
---------------------	----

Compliance & Logistics



HSCODE	8517799000
USHSCODE	8517790000
UPC	
EUHSCODE	8517180000
COO	CHINA

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

15.21

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy.

If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Resource Links

- <https://www.seeedstudio.com/Wio-SX1262-for-XIAO-p-6379.html>
- [Schematic Diagram Wio-SX1262 for XIAO](#)

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