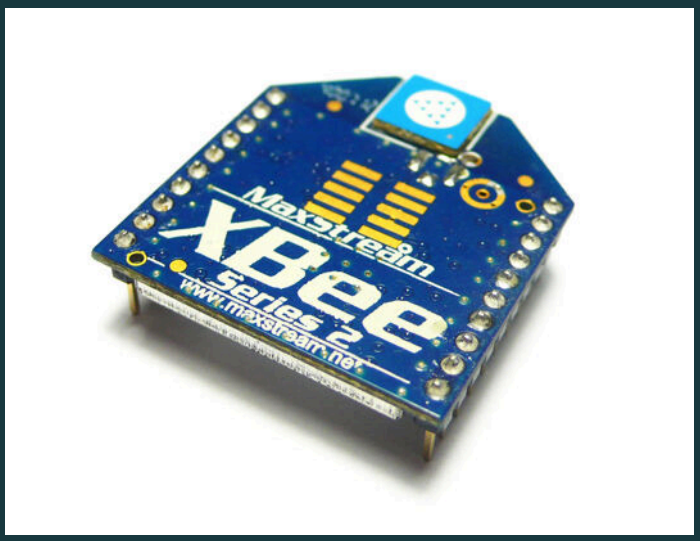
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INDUSTRIAL PRODUCT DATASHEET

XBee® RF Modules ZNet 2.5 - 1 mW, Chip Antenna

XBee ZNet 2.5: industrial-grade, low-power 2.4 GHz module with chip antenna and advanced ZigBee PRO mesh networking.

SKU	UPDATED	PRICE
WLS113A4M	2024-08-09 02:14:11	$24.95(Excl. VAT)



Overview



The XBee ZNet 2.5 (formerly Series 2) is an industrial-grade 2.4 GHz module supporting low-power mesh networking via the ZigBee PRO Feature Set. It provides 250 kbps data rate, 128-bit AES encryption, frequency agility, over-the-air firmware updates, and operates from -40°C to 85°C with a chip antenna.

Key Features

XBee ZNet 2.5 (Formerly Series 2) - 1 mW, chip antenna, 250000 bps, industrial grade (-40° C to 85° C)

The low-power XBee ZB and extended-range XBee-PRO ZB use the ZigBee PRO Feature Set for advanced mesh networking. The XBee ZB platform features:

- Low-cost, low-power mesh networking
- Interoperability with ZigBee PRO Feature Set devices from other vendors*
- Support for larger, more dense mesh networks
- 128-bit AES encryption
- Frequency agility
- Over-the-air firmware updates (change firmware remotely)

By deploying this and any XBee device, OEMs are leveraging the value of the XBee product family and Digi's unsurpassed Drop-in Networking offering of gateways, adapters and routers. In addition, XBee users can take advantage of platform agility—the ability to rapidly change their XBee solution with minimal development.

XBee & XBee-PRO ZB hardware note: The XBee & XBee-PRO ZB share hardware with XBee & XBee-PRO ZNet 2.5. As a result, modules can be converted from one platform to another by loading different firmware onto a given module. Contact Digi Support for details.

Product summary:

- ISM 2.4 GHz operating frequency
- *XBee*: 2 mW (+3 dBm) power output (up to 400 ft RF LOS range)
- Chip antenna
- Industrial temperature rating (-40° C to 85° C)
- Approved for use in the United States, Canada, Australia and Europe
- Advanced mesh networking and low-power modes supported

Documents

Please visit our **wiki page** for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our **forum**.

Resource Links

- **https://www.seeedstudio.com/XBee-RF-Modules-ZNet-2-5-1-mW-Chip-Antenna-p-226.html**

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