



**RAK**  
IoT Made Easy



**RAK7258**

**WisDEVICE**

## RAK Micro Gateway

Gateways can now  
**forward** buffered packets

**NOW** - LoRa data won't be lost even with a network server outage

### Features

- Support for 8 RX and 1 TX LoRa Channels
- Full LoRaWAN™ Stack support (version 1.0.2)
- 100M Ethernet (PoE) + WiFi (Optional LTE 4G, Nb-IoT, LTE Cat M)
- Network Server support for TTN and Cayenne
- OpenWRT Software UI for management and configuration
- TF card slot



- Support for class A, B, C nodes
- Configurable Tx power
- Data logger
- Statistics

### Backhaul

- WiFi AP mode configuration
- DHCP Client/Server
- NAT built-in
- Firewall

### Management

- Web Management interface
- SSH2 supported
- NTP



Developer Tested  
Enterprise Ready

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RAK7258 is an **indoor LoRaWAN Gateway** that comes with an ethernet connectivity option for easy setup. This includes an onboard WiFi (2.4GHz) for easy configuration (initial setup can be done over WiFi in AP mode).

Advanced configuration options include LTE 4G, Nb-IoT and LTE Cat M radio modules. Thus it provides a variety of backhaul options in case there is no cable connectivity.

The management and configuration software is based on OpenWRT. There is a built-in LoRa packet forwarder and a graphical user interface for ease of configuration.

Power over Ethernet (PoE) is supported, making it suitable for mounting on walls or ceilings without running any additional power lines to reduce deployment time.

It is a full 8 channel Gateway. It comes with the LoRa antennas included in the packet (together with mounting screws and anchors). With a Line of Sight range of up to 15 km and a 2+ km range in dense urban environments. It is a perfect solution for any LoRaWAN use case scenario.

*Available on*

[www.Store.RAKwireless.com](http://www.Store.RAKwireless.com)

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