

List of Meshtastic hardware

Radio Nodes (Pre assembled, ready-made units)

Atlavox M1 Meshtastic™ Radio node with extended antenna
EEMB 3.7V Lithium Polymer Battery 2000mAh
large cases, but excellent battery life! (about a week)
<https://atlavox.com/products/atlavox-m1>

Muzi Works R1 with extended antenna
1800mAh rechargeable lithium-ion polymer battery
a little smaller case and very good battery life
<https://muzi.works/products/r1-with-external-antenna>

RAKwireless Wismesh Pocket
3200mAh Rechargeable Battery (about a week)
large case and largest battery of all on this list.
<https://store.rokland.com/products/wismesh-pocket>

Lilygo T-Echo
Medium case and decent battery life (a couple days)
<https://store.rokland.com/products/lilygo-ttgo-meshtastic-t-echo-white-bme280-lora-sx1262-wireless-module-915mhz-nrf52840-gps-rtc-nfc-for-arduino>

Muzi Works H1
smallest case but also shortest battery life (about a day)
This is the link for the radio node with a short antenna, but if you want small radio... this is the one to get. you will just have to charge it up every night.
They also offer a longer whip antenna with this case style.
<https://muzi.works/products/h1-complete-device-heltec-v3-running-meshtastic>

Cases only

Case for Wisblock Starter Kit
<https://atlavox.com/products/case-for-wisblock-meshtastic-starter-kit>

Solar panel case (perfect for repeaters)
<https://store.rokland.com/products/rak-wireless-solar-unify-enclosure-ip67-150x100x45mm-pre-mounted-m8-5-pin-rp-sma-connector-pid-910421>

Antennas

Muzi Works long flexible antenna

<https://muzi.works/products/whip-antenna-17cm>

AltaVox long solid antenna

<https://atlavox.com/products/meshtastic-915mhz-antenna>

Rokland Tactical gooseneck antenna

<https://store.rokland.com/products/meshtac-gooseneck-tactical-antenna-4-dbi-gain-sma-male-915-mhz-flexible-for-meshtastic-lora>

Radio Node internal Components

Muzi Works has a WisBlock starter kit on sale at the moment. If you want to build a solar repeater... this is an exelent choice

<https://muzi.works/products/rak-mega-kit>

If you are a DIY kind of person, Rockland is like the RadioShack of the Meshtastic world!

<https://store.rokland.com/pages/meshtastic-hardware-rak-lilygo>

All three of these companies have donated Meshtastic components to be used by Rutherford County Sheriff's Dept as we help them set up additional means of backup communications. Please support them by making purchases through them... and make sure you tell them "Chin sent you"... maybe it will get some stickers or lollipops added to you box. 😊👍