

# Where to Buy Meshtastic and MeshCore Hardware

LoRa mesh hardware is available from multiple sources. Here's a guide to finding the right hardware at the right price, with notes on reliability and availability as of 2025-2026. Prices and stock change frequently - verify current pricing at the source before ordering.

## Official and Recommended Sources

### RAK Wireless ([rakwireless.com](https://rakwireless.com))

The official source for RAK WisBlock modules. RAK4631 core, base boards, and sensor modules are all available directly. Shipping from Hong Kong (5-14 days to US) or via US distributors. Quality is consistently excellent - RAK products are used in industrial deployments.

### LILYGO ([lilygo.cc](https://lilygo.cc))

Official source for T-Beam, T-Echo, T-Deck, and other LILYGO boards. Ships from China (1-3 weeks to US), though LILYGO also stocks US/EU/CA warehouse variants for many models - pick the regional variant for faster shipping. AliExpress LILYGO store is also official. Avoid third-party sellers with generic product images.

### Heltec Automation ([heltec.org](https://heltec.org))

Official source for Heltec WiFi LoRa 32 and LoRa Node boards. Ships from China. US Amazon listings exist and are faster, though slightly more expensive.

# US-Based Distributors (Faster Shipping)

- **Amazon** - Many boards available with Prime shipping. Verify you're buying from the brand's official Amazon store or a reputable reseller. Read reviews carefully.
- **Rokland Technologies** (rokland.com) - US-based LoRa/IoT specialist. Carries Heltec, antennas, and accessories. Good customer service.
- **Digi-Key** - The documented authorized distributor for RAK WisBlock components and modules; excellent for bulk orders.
- **Mouser Electronics** - Large industrial distributor. Verify current stock before ordering, as RAK WisBlock availability on Mouser is limited; Digi-Key is the more reliable RAK source.

## Budget Options

- **AliExpress** - Direct from Chinese factories. 2-4 week shipping. Significantly cheaper than US sources. Risk: occasional counterfeits or poor QC. Stick to official brand stores (LILYGO Official Store, Heltec Automation, RAK Wireless Store).
- **eBay** - Used and new boards; good for finding older hardware or discontinued models. Verify the seller has solid feedback.

## Community Swap/Buy

- **Reddit r/meshtastic** - Occasional community buy/sell/trade threads. Good for getting pre-configured hardware from experienced operators.
- **Local mesh community groups** - Your local community Discord or Signal group may have loaner programs or group buys that reduce shipping costs.

## What to Buy: 2025-2026

### Recommendations

Budget	Board	Source	Notes
\$18-25	Heltec WiFi LoRa 32 V3	Amazon or Heltec.org	Best bang-for-buck starter; USB-C; OLED

<b>Budget</b>	<b>Board</b>	<b>Source</b>	<b>Notes</b>
\$35-45	LILYGO T-Beam v1.2	Amazon Prime or lilygo.cc	GPS included; great portable node
~\$25-61	RAK WisBlock Starter Kit	RAKwireless.com, Rokland, or Digi-Key	Best quality; modular; preferred for infrastructure (varies by variant; see the "what you need" page)
~\$55-80	T-Deck / T-Deck Plus	lilygo.cc	Built-in keyboard and screen; standalone communicator (the pricier T-Deck Pro is a separate model)

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Revision #3

Created 2026-05-03 06:33:52 UTC by Mesh America Admin

Updated 2026-06-08 19:50:27 UTC by Mesh America Admin