

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.

Official and Recommended Sources

RAK Wireless (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)

Official source for T-Beam, T-Echo, T-Deck, and other LILYGO boards. Ships from China (1-3 weeks to US). AliExpress LILYGO store is also official. Avoid third-party sellers with generic product images.

Heltec Automation (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.
- **Mouser Electronics** - Industrial distributor; carries RAK modules, often with next-day shipping. Better for bulk orders.

- **Digi-Key** - Similar to Mouser; excellent for RAK WisBlock components and modules.

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** - Weekly 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
\$35-45	LILYGO T-Beam v1.2	Amazon Prime or lilygo.cc	GPS included; great portable node
\$55-70	RAK WisBlock Starter Kit	RAKwireless.com or Mouser	Best quality; modular; preferred for infrastructure
\$85-120	T-Deck	lilygo.cc	Built-in keyboard and screen; standalone communicator

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