Title

BiddyPhone — Infrastructure Overview

Core

Solar-powered smartphone with custom SHA-256 ASIC and offline+satellite Bitcoin sync.

ASIC

28nm, <1W, 0.05W/THs, thermal-resistant design, passive cooling.

Energy

3–5W flexible solar wrap, 4000mAh battery, MPPT controller.

Networking

LEO satellite sync, LoRa/BLE mesh fallback, optional GSM/WiFi.

Software

BiddyOS (AOSP fork), BlockSyncService, BiddyMiner daemon, UBI logic.

Security

Secure boot, wallet isolation, no alt tokens, remote wipe.

Roadmap

2025: Simulator → 2026: Prototype → 2027: Launch + Scale.