

PRODUCT SPECIFICATIONS

FINNEY™

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General

- Model name: FINNEY™ U1
- Model number: SR00300-W

Contents of FINNEY™ Box

- FINNEY™ Smartphone
- International charger powered by Qualcomm® Quick Charge 4.0™ technology with five regional wall plugs (UK, US, EU, AU, KO)
- USB 3.0 Type C-C data and charging 100cm cable
- Active Digital-to-Analog convertor (DAC) audio dongle
- SIM extraction tool
- Documentation: Quick Start Guide, warranty document, SAR, and safety information

Operating system

- Android 8.1.x
- SIRIN OS™ 3.01

Blockchain Crypto

- Cold storage crypto wallet
- Supports major cryptocurrencies and tokens (BTC, ETH, BNT, STX, CEL, SNT, TRX, BNB, VEN, OMG, ICX, ZIL, AE, ZRX, BTM, REP, MKR, GNT, PPT, RHOC, BAT, IOST, WTC, KCS, DGD, LRC, PXS, NPXS, ELF, HT, AION, NAS, MANA, FUN, WAX, KNC, DROP, MCO, POWR, LOOM, POLY, PAYX, KIN, CMT, NULS, PAY, ENG, THETA, BIX, QAS, LINK)
- State-of the art crypto wallet application
- Token Conversion Service
- Embedded D-Apps store

Cyber Security Center by SIRIN LABS

- Best-of-breed, holistic on-device cyber-threat protection from physical, network and malware threats with online detection and proactive protection.
- Machine learning-based Intrusion Prevention System (IPS)
- Network-attack protection
- Secure coding accompanied with penetration testing to enhance FINNEY™'S security level
- Periodical security patch releases in response to current cyber threats

Secure Hardware Wallet

- Tamper-proof protection for first-time use
- Physical security switch (for wallet protection)
- Dual MCU architecture
- Secure element - Authentication Chip IC
- Firewall FPGA
- Electromechanical switch

Dimensions

- Length: 158mm
- Width: 74.6mm
- Depth: 9.3mm (typical)
- Weight: 209g

HARDWARE AND SOFTWARE CHARACTERISTICS

Computation & Memory

- Qualcomm® Snapdragon™ 845
- Adreno™ 630 GPU
- Hexagon™ 685 DSP
- 6GB RAM LPDDR4

Storage

- 128 GB eMMC of internal memory storage
- SD memory card slot with up to 2T extension

Main Display

- 6" screen
- 18:9 notch-design format
- Technology: CGS/LTPS
- 1080(H) x RGB x 2160 (V) pixel-resolution
- 95% NTSC standard produces vivid color space
- 1500:1 contrast ratio (typical)
- 550 cd/m2 max brightness (typical)
- Fingerprint-resistant oleophobic coating
- Corning® Gorilla® Glass

Safe Screen

- 2" inch diagonal size
- Resolution (WxH) 256x64 pixel
- Integrated touch
- PMOLED mono-white
- 1800:1 Ultrahigh contrast

Main Camera

- 12-megapixel main camera
- Aperture $f/1.8$
- 1.4um pixel size for low light imaging
- 75 degrees diagonal viewing-angle
- Phase-detection Auto Focus
- True-tone flash

Stills Imaging

- Optical Image Stabilization (OIS)
- Electronic Image stabilization (EIS)
- Auto High Dynamic Range (HDR) Imaging
- Up to 12 megapixel stills imaging
- Touch to Focus / Automatic focus
- Low light imaging mode
- Auto White Balance (AWB)
- Panoramic imaging
- Beauty mode
- Timer capture
- Burst mode

Video Recording

- Electrical Image Stabilization (EIS)
- 4K video recording (3840x2160 pixel resolution) at 60 fps
- 2K video recording (2540x1440 pixel resolution) at 60 fps
- Slow Motion Imaging - FHD video recording (1980x1080 pixel resolution) at 120 fps
- Touch-to-Focus
- Automatic continuous focus
- Up to 4x digital zoom
- Stereo audio recording

Front Camera

- Wide-viewing angle 8 megapixel selfie camera
- *f*/2.0 aperture
- 74 degrees diagonal viewing angle

Selfie Imaging

- Electrical Image Stabilization (EIS)
- Up to 8 megapixel stills imaging
- High Dynamic Range (HDR)
- Image Geotagging
- Beauty mode
- Portrait mode (with live Bokeh effect)
- Timer capture
- Burst mode

Audio

- High-fidelity Side-fire speaker
- Dual microphone enabled
- CSR aptX® high-quality encoded audio support

Voice

- Noise cancellation
- Echo cancellation
- HD Voice support

Audio Formats

- Supported formats: WAV, MP3, AMR, MIDI, Vorbis, AAC, AAC+

Video Formats

- Supported formats: MPEG4, H.263, H.264, H.265, VP8, VP9
- Multimedia output: Display Port

CELLULAR AND WIRELESS CONNECTIVITY

4G LTE

- Cat 12, 3xCA
- Downlink speed: 600Mbps
- Uplink speed: 150Mbps
- FDD bands B1(2100); B2(1900 PCS); B3(1800 +); B4(1700/2100 AWS 1); B5(850); B7(2600); B8

(900); B11 (1500 Lower); B12 (700 ac); B13 (700 c); B17 (700 bc); B18 (800 Lower), B19 (800 Upper); B20 (800 DD); B21 (1500 Upper); B25 (1900 +); B26 (850 +); B28 (700 APT); B29 (700 de); B30 (2300 WCS); B66 (1700/2100)

- TDD bands B38 (TD 2600); B41 (TD 2500)
- LTE 2xCA band combinations: 1A_3A, 1A_5A, 1A_7A, 1A_8A, 1A_20A, 1A_41A, 3A_3A, 3A_5A, 3A_7A, 3A_8A, 3A_20A, 5A_7A, 7A_7A, 7A_8A, 7A_20A, 38C, 41A_41A, 4A_17A, 2A_4A, 2A_2A, 4A_4A, 25A_25A, 1A_26A, 4A_13A, 21A_28A
- LTE 3xCA band combinations: 1A_3A_3A, 1A_3A_5A, 1A_3A_8A, 1A_3A_20A, 1A_5A_7A, 3A_3A_7A, 3A_3A_8A, 3A_7A_7A, 3A_7A_20A, 41D, 2A_4A_12A, , 1A_21A_28A, 1A_3A_21A, 1A_8A_11A, 3A_8A_11A, 1A_19A_21A, 1A_3A_19A, 3A_19A_21A , 2A_12A_30A, 4A_12A_30A, 2A_5A_30A, 4A_5A_30A, 2A_29A_30A, 4A_29A_30A, 2A_2A_12A, 4A_4A_12A, 1A_19A_21A, 1A_3A_19A
- LTE uplink 41C, 7C, 3A_7A, 4A_12A, _1A_18A, 1A_19A, 1A_26A

UMTS

- Downlink speed: 42Mbps, Uplink speed: UMTS 11Mbps
- Supported bands: B1 (2100); B2 (1900 PCS); B4 (1700/2100 AWS 1); B5 (850); B6 (850 Japan); B8 (900 GSM)

CDMA2000

- BC0 (800); BC1 (1900 PCS); BC10 (Secondary 800 MHz)

2G GSM

- 850; 900 (E-GSM); 1800 (DCS) 1900 (PCS)

Wireless

- 2.4GHz, 5GHz
- 802.11a/b/g/n/ac Wi-Fi with 2x2MIMO up to 866Mb/sec
- Wi-Fi hotspot (tethering and portable hotspot)

Bluetooth

- Bluetooth 5.0
- Headset Profile (HSP), Object Push Profile (OPP), Personal Area Networking Profile (PAN), Phone Book Access Profile (PBA), Advanced Audio Distribution Profile (A2DP), Human Interface Device Profile (HID), Audio/Video Remote Control Profile (AVRCP), Hands-Free Profile (HFP), Device ID Profile (DIP), Generic Audio/Video Distribution Profile (GAVDP), Message Access Profile (MAP)

SIM

- Nano-SIM
- Hot-swap

USB

- USB 3.1
- USB Hi-speed (480 Mbps)
- USB charging, USB fast charging, USB Host, USB On-The-Go 1.3, USB On-The-Go 2.0
- USB Type-C reversible
- USB power direction switch
- Display port

NFC

- NFC (A)
- NFC (B)

Charging and Battery

- Internal 3260mAh Li-ion
 - Stand-by: Up to 450 hours (more than 2 weeks)
 - Talk time: Up to 20 hours (UMTS)
 - Video Playback: Up to 10 hours
 - Music Play: Up to 65 hours (BT earpiece)
 - Internet use (Wi-Fi): up to 13 hrs
 - Internet use (3G): up to 13 hrs
 - Internet use (4G): up to 13 hrs

The times shown above are based on internal lab test conditions. Actual battery life may vary depending on device model, usage pattern, and other surroundings and environmental factors.

- Qualcomm Quick Charge™ 4.0
 - Charging time to 50% <30 min
 - Charging time to full <120 min

Sensors

- Gyroscope and accelerometer
- Fingerprint Sensor
- Proximity Sensor
- Ambient Light Sensor
- eCompass
- Wake-up double tap sensor

Location

- GPS, Simultaneous GPS, Geotagging, A-GPS, QuickGPS, GLONASS, GPS gen 9

APPS

- FINNEY™ Wallet by SIRIN LABS
- dCENTER by SIRIN LABS
- Cyber Security Center
- FINNEY™ App Locker
- FINNEY™ camera application
- ProtonMail
- Koolspan® Trust Call®
- Cointelegraph
- Android standard apps
- Google apps

SUPPORTED LANGUAGES (PHONE)

- Afrikaans (South Africa)
- Albanian (Albania)
- Amharic (Ethiopia)
- Arabic (Egypt)
- Arabic (Israel)
- Arabic (United Arab Emirates)
- Bengali (Bangladesh)
- Bosnian (Latin, Bosnia & Herzegovina)
- Bulgarian (Bulgaria)
- Burmese (Myanmar (Burma))
- Chinese (Simplified Han, China)
- Chinese (Simplified Han, Hong Kong)
- Chinese (Simplified Han, Singapore)
- Chinese (Traditional Han, Hong Kong)
- Chinese (Traditional Han, Taiwan)
- Croatian (Croatia)
- Czech (Czech Republic)
- Danish (Denmark)
- Dutch (Netherlands)
- English (Australia)
- English (Canada)
- English (India)
- English (Ireland)
- English (New Zealand)
- English (Singapore)
- English (United Kingdom)
- English (United States)
- English (Zimbabwe)
- Estonian (Estonia)
- Filipino (Philippines)
- Finnish (Finland)
- French (Canada)
- French (France)
- French (Switzerland)
- German (Austria)
- German (Germany)
- German (Liechtenstein)
- German (Switzerland)
- Greek (Greece)
- Gujarati (India)
- Hebrew (Israel)
- Hindi (India)
- Hungarian (Hungary)
- Icelandic (Iceland)
- Indonesian (Indonesia)
- Italian (Italy)

- Italian (Switzerland)
- Japanese (Japan)
- Kannada (India)
- Kazakh (Kazakhstan)
- Khmer (Cambodia)
- Korean (South Korea)
- Lao (Laos)
- Latvian (Latvia)
- Lithuanian (Lithuania)
- Macedonian (Macedonia (FYROM))
- Malay (Malaysia)
- Malayalam (India)
- Marathi (India)
- Nepali (Nepal)
- Norwegian Bokmål (Norway)
- Persian (Afghanistan)
- Persian (Iran)
- Polish (Poland)
- Portuguese (Brazil)
- Portuguese (Portugal)
- Punjabi (Gurmukhi, India)
- Romanian (Romania)
- Russian (Russia)
- Serbian (Cyrillic, Serbia)
- Sinhala (Sri Lanka)
- Slovak (Slovakia)
- Slovenian (Slovenia)
- Spanish (Spain)
- Spanish (United States)
- Swahili (Tanzania)
- Swedish (Sweden)
- Tamil (India)
- Telugu (India)
- Thai (Thailand)
- Turkish (Turkey)
- Ukrainian (Ukraine)

- Urdu (Pakistan)
- Vietnamese (Vietnam)

ENVIRONMENTAL

- IP52 dust/water resistance
- Operating ambient temperature: -10° to 55°C (14° to 113°F)
- Storage temperature: -20° to 75° C (-4° to 131° F)
- Relative humidity: 5% to 95% noncondensing