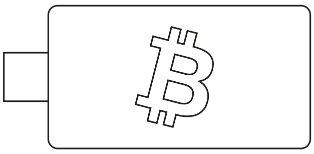
BitBox02 Nova

Bitcoin-only edition

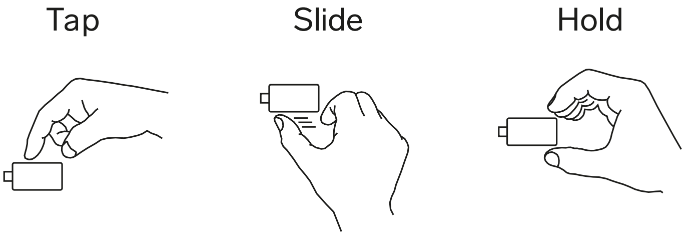
Self-custody made simple.
On all your devices.



The BitBox02 Nova is the next-generation hardware wallet for securely managing your bitcoin.

It combines Swiss-made quality with enhanced security and refined design.

Use three simple gestures to easily enter your password and navigate your BitBox02 Nova.



Effortless backup and restore with microSD

Glass OLED display and invisible touch sensors

Dual-chip security architecture

USB-A & Apple Lightning adapters included

Protected using a certified secure chip

Works on desktop and mobile

go.bitbox.swiss/nova

Swiss made ✚ open source

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BBNV1A-BTC-**BLK**
EAN: 4262541120005

BBNV1A-BTC-**WHT**
EAN: 4262541120012

HS: 8471.80

In the box

BitBox02 Nova Bitcoin-only edition

microSD card

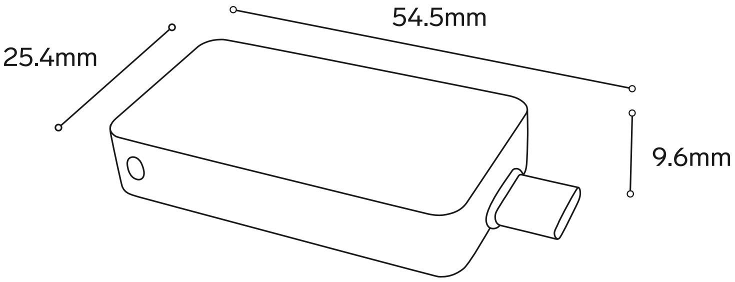
USB-C to USB-A adapter

USB-C to Apple Lightning adapter

USB-C extension cable

Rubber pulls

Labelling stickers



Specifications

Supported coins: Bitcoin (BTC)

Connectivity: USB-C, Bluetooth® Low Energy

Compatibility: Windows 10+, macOS 10.15+, iOS 16+, iPadOS 16+, Android 9+, Linux (x86_64)

Size: 54.5 x 25.4 x 9.6 mm including USB-C plug

Weight: Device 13g; with packaging and accessories 250g

Colors: Midnight Black, Polar White

Display: 128 x 64 px white OLED with glass top

Input: Capacitive touch sensors

Microcontroller: ATSAMD51J20A; 120 Mhz 32-bit Cortex-M4F; True random number generator (NIST SP 800-22 and diehard random tests suites)

Bluetooth chip: SmartBond TINY™ DA14531

Secure chip: OPTIGA™ Trust M V3

Backup: Instantly on a microSD card; optionally displayed BIP-39 mnemonic seed to copy to paper

Country of origin: Switzerland

Security features

On-device password entry

Open source and reproducible builds as we live the motto "Don't trust, verify"

Secure verification of transactions and other data via display on-device

Device attestation to detect counterfeits

Externally audited firmware

Encrypted communication between device and app with noise protocol to avoid eavesdropping

Encrypted seed stored on the MCU, protected by both the secure chip and user-chosen device password

Multiple sources of entropy for seed generation

Monotonic counter in secure chip to avoid brute force attacks by limiting attempts

Password stretching in secure chip to avoid brute force attacks by making attacks take a very long time

Bootloader accepts only firmware signed by BitBox

Bootloader can display the hash of the firmware before running it for binary transparency

Bootloader prevents firmware downgrades

Protection against nonce covert channel attacks

Optional BIP39 passphrase