

## Overview

JuBiter™ is a subsidiary brand owned by Feitian Technologies Co., Ltd which is intently focusing on cryptocurrency wallet ecosystem. JuBiter Blade is a secure hardware wallet, protects cryptocurrencies include Bitcoin, Bitcoin Cash, Litecoin, Ethereum, Ethereum Classic, all ERC-20 tokens, Tether (USDT), EOS, XRP, Qtum, Dashcoin, HCash, and more to come.

## Features

### Connection:

JuBiter wallet makes transactions over either USB or Bluetooth. No sensitive data is transferred in link layer during Bluetooth communications.

### Trusted Display:

Built-in OLED display shows the details of every transaction. The SE directly connected display eliminates the possibility of man-in-the-middle attacks.

### Security:

CC EAL6+ Infineon Secure element. High-security Java OS developed by the team with CC EAL 5+ OS development experience. Wallet seed never leaves the secure element.

### Restoration:

BIP39 compliant. Restore wallet from any other wallet by using recovery phrases. The restoration process is entirely conducted offline.

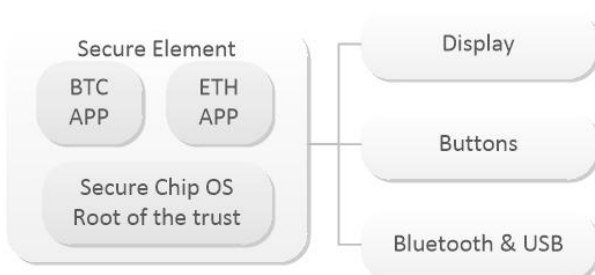
### Currency management:

Easily add/delete currencies on the wallet by using the wallet PC management tool. Support 10 mainstream currencies including BTC, ETH and USDT for now. The full list is on the next page.

### FIDO® U2F:

Work as a FIDO U2F security key (Ver 1.2). Can be used on Google, Facebook, GitHub, Dropbox, etc.

## The Hardware Structure



JuBiter uses single chip hardware structure design. Display, buttons, USB, and Bluetooth are directly controlled by a single secure element.

## Certificates

The following certificates have been granted:



FCC ID: ZD3FTJC6JUBLD1

CE, WEEE, DOE, CEC.

And RoHS compliant.

## Dimension



Length: 64mm    Width: 38mm    Thickness: 2.3mm

## Display

Resolution:

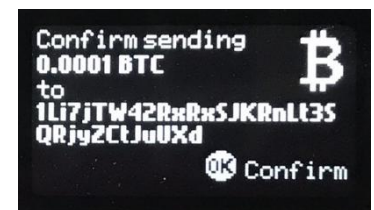
128x64 pixels

Type:

Monochrome OLED

Size:

0.96"



## Chips

Secure Element: Infineon SLE78 (CC EAL 6+)

Bluetooth: Nordic 51802 (BLE ver.4.1)

## Battery

33mAh Li-ion rechargeable battery.

Input: 5V:0.2A.

## Standards

BIP 32/39/44 compliant

## Interface

Micro USB (HID), Bluetooth 4.1

## Supported Platforms

Wallet apps are available on Android (6.0+) and iOS (9+). Hardware can be used on Android/iOS over Bluetooth. Be used on Linux/Mac/Windows over HID.

## Supported Currencies

Bitcoin (P2PKH, P2WPKH), Bitcoin Cash, Ethereum, all ERC-20 tokens, Ethereum Classic, Litecoin, HCash, Tether (USDT), Dashcoin, Qtum, XRP, EOS  
MultiSig: Bitcoin, Bitcoin Cash, Ethereum, Litecoin, HCash

## FIDO U2F

Version 1.2

## Other Specifications

<b>SE Free Space</b>	>100K
<b>API Open</b>	Yes
<b>API Language</b>	C
<b>Open Source</b>	Java Card Applets, Mobile apps
<b>Material</b>	Zinc Alloy
<b>Updating tool</b>	Yes. Applet management (JuBiter Blade & JuBiter Blade 2 <sup>nd</sup> ) Firmware updating (JuBiter Blade 2 <sup>nd</sup> only) Bluetooth firmware updating (JuBiter Blade 2 <sup>nd</sup> only) Both Windows & MacOS version are available.
<b>JavaCard Data Chanel</b>	GP SCP11C
<b>Working Temperature</b>	-10°C - 50°C 14°F - 122°F
<b>Storage Temperature</b>	-20°C - 60°C -4°F - 140°F

## For 3<sup>rd</sup> Party Developers

SDK:

For developers who want to add JuBiter Blade hardware wallet to their own applications, development tools including SDK packages, development manuals, sample code, and demo applications for the Android and iOS platforms are now available.

JavaCard:

For JavaCard developers, If the developer wishes to develop a Javacard applet by himself, JuBiter provides JavaCard's cos API development documents, cos APDU documents and sample code; as well as JCIDE import tools, instructions, JuBiter standard chippack files, etc.

## Customization

Standard Co-branded Partnership:

Get the standard version of JuBiter Blade 1<sup>st</sup> or 2<sup>nd</sup> (recommended) covered with your own designed faceplate or engraved with your logo on the back of the metal casing.

-Minimum quantity: 500 units

-Turnaround time: 2-3 weeks

Advanced Co-branded Partnership:

Make your JuBiter Blade 1<sup>st</sup> or 2<sup>nd</sup> (recommended) a little more special with a custom box, an USB cable and/or custom cards.

-Minimum quantity: 1000 units

-Turnaround time: 4-8 weeks

OEM White-label Partnership:

Do you want to design a different hardware wallet for your company with special customized features, such as a specific coin or NFC connection? Customize your own hardware wallet brand from the inside out.

-Customized features: NFC connection, specific coin support, specific algorithm support, and more.

-Minimum quantity and turnaround time: please contact us for detailed information and further discussion.

Distribution & Other Business:

Please contact us for detailed information and further discussion.

## Revision History

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Feitian JuBiter Blade (Model: JC6) Cryptocurrency Wallet

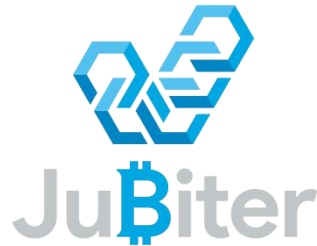
Revision: 2020-7-2

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Version	Date	Remark
1.0	2018-11-06	Original version
1.1	2018-12-27	Specs updated, images added. Format rearranged
1.2	2020-1-17	Supported Currencies updated, contact info changed.
1.3	2020-7-2	Developer tools and customization policy updated.

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JuBiter™ is a trade mark of Feitian Technologies Co., Ltd.



## Information

For further information on technology, business and other services, please contact us at [gethelp@jubiterwallet.com](mailto:gethelp@jubiterwallet.com)

Or visiting website: [www.jubiterwallet.com](http://www.jubiterwallet.com)

## We Listen to Your Feedback

Let us know if there is anything you would like to say about this document or our product: [xinlu@ftsafes.com](mailto:xinlu@ftsafes.com)

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