

# Product Specifications & Technical Details

**Token2 - security is easy**



# Product Details



## FIDO bundle (2 x FIDO2 USB-A Keys)

Most of the systems using FIDO keys for authentication recommend having more than one security key enrolled. This is why we decided to introduce the FIDO bundle, which comes with a pair of T2F2 keys: one (primary, with a red sticker) to keep with you and one (secondary, with a green sticker) to keep in your desk drawer. You add both keys to your account, so you have a backup key if something happens to the primary one.

Token2 T2F2 security key combines hardware-based authentication, public-key cryptography, HOTP, U2F, and FIDO2 protocols to protect your accounts. This type of security devices provides the highest level of multifactor authentication of user accounts with Twitter, Facebook, Gmail, GitHub, Dropbox, Dashlane, Salesforce, Duo, Centrify and hundreds more HOTP, U2F, and FIDO2 compatible services. No additional tools or applications are required, and the login process is simple and reliable. Just insert the Security Key into a USB-A slot and authenticate with a simple touch. The T2F2 security key does not require a battery nor network connectivity, so it is always on and accessible.



*Token2 T2F2 key is certified by the FIDO® Alliance (Level1 certification)*

# Specifications

|                               |   |
|-------------------------------|---|
| Model Number                  | Token2 T2F2 (FIDO2.1PRE)  |
| Button                        | Capacitive sensor-type integrated touch-button (in the center of the key) |
| Functions                     | FIDO U2F + FIDO2.1PRE + HOTP (HID Emulation)                              |
| Embedded security algorithm   | ECDSA , SHA256, AES, HMAC, ECDH   |
| Interface type                | USB-A   |
| Firmware                      | FIDO 2.1PRE <sup>FT</sup>   |
| Maximum FIDO2.1 Resident keys | 128   |
| Lifetime                      | At least 10 years   |
| Programming cycles            | 100,000 times   |
| Communication protocol        | CTAP2, HID  |
| Working voltage               | 5.0V DC   |
| Input Current                 | 35mA  |
| Power                         | 0.18W   |
| Working temperature           | -10°C - 50°C  |
| Storage temperature           | -20°C - 70°C  |

The FIDO certification for this model is *derivative*, i.e. based on an existing model with additional changes in firmware

## Integration guides

[Using Your T2F2 Security Key with Google](#)

[Passwordless authentication in Azure AD with Token2 FIDO2 keys](#)

[Using FIDO2 USB keys under Linux](#)

## Product Images



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## Summary

|                     |                                     |
|---------------------|-------------------------------------|
| <b>Model Number</b> | T2F2                                |
| <b>Form-factor</b>  | Plastic key<br>USB-A                |
| <b>Functions</b>    | FIDO2.1PRE<br>WebAuthN+CTAP         |
| <b>Dimensions</b>   | 44x20x1 mm                          |
| <b>Weight</b>       | 6 gr                                |
| <b>Programmable</b> | no                                  |
| <b>Storage</b>      | passkeys: 128<br>HOTP: 1<br>TOTP: 0 |
| <b>Product ID</b>   | T2-46                               |

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## Product page

<https://www.token2.com/shop/product/fido-bundle-2-x-fido2-usb-keys>



## About Token2

Token2 is a cybersecurity company specialized in the area of multifactor authentication. Founded by a team of researchers and graduates from the University of Geneva with years of experience in the field of strong security and multifactor authentication, Token2 has invented, designed and developed various hardware and software solutions for user-friendly and secure authentication. Token2 is headquartered in Geneva, Switzerland

Token2 is a member of *FIDO Alliance* and *swiss made software* label



## Contact Details

*Email:* [support@token2.com](mailto:support@token2.com)

*Phone:* +41 22 519 62 02

*Address:* La Voie-Creuse 3B  
1202 Geneva, Switzerland

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