

# Product Specifications & Technical Details

**Token2 - security is easy**





# Product Details

## Token2 T2F2-Dual FIDO2, U2F and TOTP Security Key with NFC, USB-A and USB-TypeC Connectors

T2F2-Dual (Slim Plastic Version) is an NFC enabled security key with 2 USB ports: USB-A and USB Type-C. Having an NFC chip onboard allows using this FIDO2 key with modern iPhones natively, directly in the browser (starting from iOS 13.3) as well as Android devices with NFC. Dual USB port design allows using the same key with computers having USB-A and USB-TypeC ports without the need of carrying and using adapters.

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FIDO security keys are small USB dongles that enable secure login to websites and applications supporting FIDO2 WebAuthn and classic FIDO (U2F) standards.

Token2 T2F2-NFC-Dual security key combines hardware-based authentication, public-key cryptography, TOTP/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 or TypeC slot and authenticate with a simple touch. The T2F2-NFC-Dual security key does not require a battery nor network connectivity - it is always on and accessible.



*Token2 T2F2-Dual key is certified by the FIDO® Alliance*

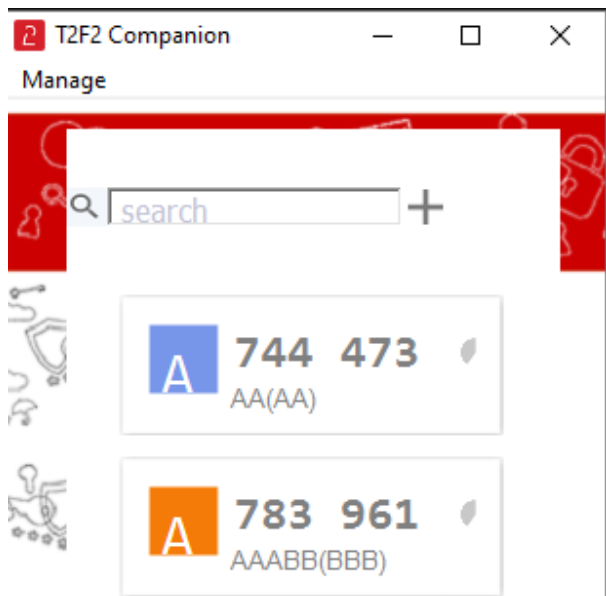
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## Specifications

Model Number	Token2 T2F2-Dual (Slim Plastic Version)
Button	2 x capacitive interface buttons (one on each side)
Functions	FIDO U2F + FIDO2.1 WebAuthn + HOTP (HID) + TOTP (with <a href="#">Companion app</a> )
Embedded security algorithm	ECDSA , SHA256, AES, HMAC, ECDH
Interface type	NFC, USB-A + USB Type-C
Firmware	FIDO 2.1
Maximum FIDO2.1 Resident keys	50
Lifetime	At least 10 years
Programming cycles	100,000 times
Communication protocol	CTAP2, HID, NFC
Working voltage	5.0V DC
Input Current	35mA
Power	0.18W
Working temperature	-10°C - 50°C
Storage temperature	-20°C - 70°C

## TOTP Feature

T2F2-NFC Security key can securely store the secrets for your TOTP profiles, but requires a [companion app](#) (available for Android and Windows) to generate the OTPs.



*Token2 Companion app - Windows version*

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## iOS Support

[Native support of NFC FIDO2 Keys in iPhone Safari](#)

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## Integration guides

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

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

[FIDO U2F security key for Stripe](#)

[Using FIDO2 USB keys under Linux](#)

## Operating Systems and Browsers Support

For detailed information on how FIDO2 authentication is supported across different

operating systems and browsers, including specific considerations and limitations, please visit our comprehensive [guide](#)

[read more](#)

## Product Images



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## Summary

<b>Model Number</b>	T2F2-Dual (Slim Plastic)
<b>Form-factor</b>	Plastic case USB-A,USB-Type-C,NFC
<b>Functions</b>	FIDO2.1 WebAuthN+CTAP
<b>Dimensions</b>	30×18×6 <small>(without USB connectors)</small> mm
<b>Weight</b>	10 gr
<b>Programmable</b>	yes
<b>Storage</b>	passkeys: 50 HOTP: 1 TOTP: 50
<b>Product ID</b>	T2-87

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## Product page

<https://www.token2.com/shop/product/t2f2-nfc-slim-dual>



## 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



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Token2 is a Swiss registered trademark

