

# Product Specifications & Technical Details

**Token2 - security is easy**





# Product Details

## Token2 T2F2-Bio2-TypeC FIDO2.1, U2F and TOTP Security Key with Fingerprint protection

Token2 FIDO2 T2F2-Bio2-TypeC is a new biometric key that uses your unique physical characteristics, such as the fingerprints, to authenticate your identity and grant you access to secure online accounts and devices. With FIDO2, you no longer have to remember complicated passwords or use time-consuming two-factor authentication methods.

Simply place your finger on it, and the key will quickly and accurately verify your identity. FIDO2 is easy to use, highly secure, and compatible with many popular online services and devices. Get yours today and experience the convenience and peace of mind of FIDO2 biometric key authentication.

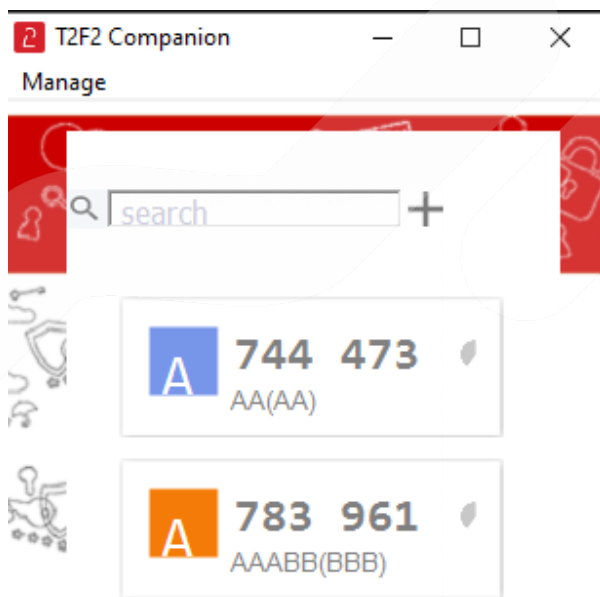
## Specifications

<b>Product Name</b>	T2F2-Bio2-TypeC
<b>System</b>	Windows, Linux, macOS
<b>Browser</b>	Chrome, Safari, Edge, Opera, Firefox
<b>Functions</b>	FIDO1 (U2F), FIDO2.1, TOTP
<b>Algorithms</b>	SHA1, SHA256, AES, HMAC, ECDH, ECDSA
<b>SSH with FIDO Support</b>	ecdsa-sk & ed25519-sk
<b>Size</b>	4 cm x 2 cm (plus USB port)
<b>Interface</b>	USB-TypeC
<b>Amperage</b>	40mA
<b>Voltage</b>	5V
<b>Fingerprint reader resolution</b>	508 DPI

<b>Verification time</b>	0.9 s
<b>False accept Rate</b>	<0.0001%
<b>False reject rate</b>	~ 1%
<b>Max number of fingerprints</b>	25
<b>Working temperature</b>	from <b>-10°C</b> to <b>+60°C</b>
<b>Expected lifetime</b>	>10 years
<b>Data write cycles</b>	> 100 000 times

## TOTP Feature

T2F2-Bio 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. Please note that the OTP generation functionality is not protected by biometric authentication (the fingerprint reader is used as a touch button in this case).



*Token2 Companion app - Windows version*

Please note that this model does not support HOTP via HID

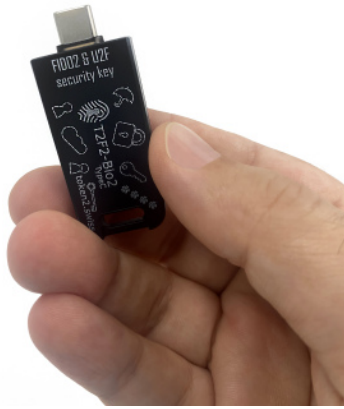
## Operating Systems and Browsers Support

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-Bio2-TypeC
<b>Form-factor</b>	Plastic key USB-C
<b>Functions</b>	FIDO2.1 Fingerprint Protection WebAuthN+CTAP
<b>Dimensions</b>	40×20×9 mm
<b>Weight</b>	12 gr
<b>Programmable</b>	yes
<b>Storage</b>	passkeys: 50 HOTP: 0 TOTP: 50
<b>Product ID</b>	T2-80

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## Product page

<https://www.token2.com/shop/product/token2-t2f2-bio2-typec-fido2-1-u2f-and-totp-security-key-with-fingerprint-protection>



## 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

