

Product Specifications & Technical Details

Token2 - security is easy



Product Details



Token2 T2F2-PIN+/TypeC FIDO2, U2F and TOTP Security Key with PIN complexity feature

T2F2-PIN+/TypeC is an NFC-enabled FIDO2 Security key with USB Type-C port, featuring PIN complexity at the firmware level. 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. This model features a capacitive sensor-type integrated touch-button and is only 6 mm thick.

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-PIN+/TypeC 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-TypeC slot and authenticate with a simple touch. The security key does not require a battery nor network connectivity - it is always on and accessible.

Specifications

Model Number	Token2 T2F2-PIN+/TypeC
Button	capacitive interface button

Functions	FIDO U2F + FIDO2.1 WebAuthn + HOTP (HID) + TOTP (with a companion app)
Embedded security algorithm	ECDSA , SHA256, AES, HMAC, ECDH
SSH with FIDO Support	ecdsa-sk & ed25519-sk
Interface type	NFC, USB Type-C
Firmware	FIDO 2.1 ^{Token2} PIN complexity enforcement
Maximum FIDO2.1 Resident keys	50
Maximum OTP profiles	50 TOTP/HOTP via the app + 1 HOTP via HID
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
Dimensions	42.1 mm x 17 mm x 6 mm
Storage temperature	-20°C - 70°C

TOTP Feature

T2F2-PIN+/TypeC Security key can securely store the secrets for your TOTP profiles, but requires a [companion app](#) (available for Android, iPhone and Windows as well as a cross-platform Python tool allowing to run the companion app under Linux, macOS and similar systems) to generate the OTPs.

iOS Support

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

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





Summary

Model Number	T2F2-PIN+/TypeC
Form-factor	Plastic case USB-TypeC,NFC
Functions	PIN+ & FIDO2.1 WebAuthN+CTAP
Dimensions	42×17×6 mm
Weight	5 gr
Programmable	yes
Storage	passkeys: 50 HOTP: 1 TOTP: 50
Product ID	T2-88

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Product page

<https://www.token2.com/shop/product/token2-t2f2-pin-typec-fido2-u2f-and-totp-security-key-with-pin-complexity-feature>



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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