Product Specifications & Technical Details

Token2 - security is easy

T2KEN

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Product Details

T2F2-NFC-Card PIN+ Release3

The T2F2-NFC-Card PIN+ Release3 from Token2 is a NFC smart card that fully supports the FIDO2.1 and FIDO U2F standards, featuring PIN complexity at the firmware level. This smart card offers a simplified and robust authentication solution for cloud and web applications. With its versatility, professionals can effortlessly implement secure authentication measures on both mobile and desktop platforms. With Release3 of our PIN+ Cards, you can now store up to 300 passkeys (also known as resident keys or discoverable credentials) on a single device.

What's New in Release3

- **OpenPGP Applet:** Release3 introduces an OpenPGP applet, adding compatibility with OpenPGP software for secure digital signing, encryption, and authentication.

Specifications

Model Number	Token2 T2F2-NFC-Card PIN+ Release3
Button	None (replaced by tapping on an NFC reader)
Functions	FIDO U2F + FIDO2.1 WebAuthn
SSH with FIDO Support	ecdsa-sk & ed25519-sk

OpenPGP	RSA2048 ECC: secp256r1, secp256k1, secp384r1, secp521r1 User Interaction Flags (UIF): not supported Curve25519: not supported
Embedded security algorithm	ECDSA , SHA256, AES, HMAC, ECDH
Interface type	NFC (Contactless) , Smart Card Contact interface
Firmware	FIDO 2.1 ^{Token2} PIN complexity enforcement
Maximum FIDO2.1 Resident keys	300
Lifetime	At least 10 years
Programming cycles	100,000 times
Communication protocol	CTAP2 via NFC or Smart Card contact
Working temperature	-10℃ - 50℃
Dimensions	85.6 mm x 53.98 mm x 1 mm
Storage temperature	-20℃ - 70℃

While the T2F2-NFC-Card PIN+ is designed to be used in both mobile and desktop environments, it should be noted that an NFC or Smart Card Reader device is required for desktop systems. To ensure seamless compatibility and optimal performance, we highly recommend utilizing the Token2 NFC Writer or the T2SR Smart card Reader

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-NFC-Card PIN+ Rel3
Certification	Level1, Level2
Form-factor	Credit card format NFC + SmartCard Contact
Functions	PIN+ FIDO2.1 WebAuthN+CTAP OpenPGP
AAGUID	eabb46cc-e241-80bf-ae9e-96fa6d2975cf
Dimensions	85×53×1 mm
Weight	2 gr
Programmable	yes
Storage	passkeys: 300
Product ID	T2-105

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Product page

https://www.token2.com/shop/product/t2f2-nfc-card-pin-release3

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

fido ALLIANCE | simpler stronger authentication

swiss made software

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