

# Product Specifications & Technical Details

**Token2 - security is easy**



# Product Details



## PIN+ FIDO2 NFC and Contact Card Release3.3

The **PIN+ FIDO2 NFC and Contact Card Release3.3** from Token2 is an NFC smart card that fully supports the FIDO2.1 and FIDO U2F standards, featuring PIN complexity enforcement at the firmware level. This card provides a simple yet robust authentication solution for cloud and web applications. With its versatility, professionals can easily implement secure authentication on both mobile and desktop platforms. Release3.3 allows you to store up to 300 passkeys (also known as resident keys or discoverable credentials) on a single device.

## Firmware 3.3 Release

Version 3.3 adds [PIV functionality](#) to the existing features.

## Specifications

Model Number	Token2 PIN+ FIDO2 NFC and Contact Card Release3.3
Button	None (replaced by tapping on an NFC reader)
Functions	FIDO U2F + FIDO2.1 WebAuthn + PIV
OpenPGP	RSA2048, RSA3072, RSA4096 secp256r1, secp256k1, secp384r1, secp521r1 ed25519, x25519 User Interaction Flags (UIF), Key Derived Function (KDF)

SSH with FIDO Support	ecdsa-sk & ed25519-sk
Embedded security algorithm	ECDSA, SHA256, AES, HMAC, ECDH
Interface type	NFC (Contactless), Smart Card Contact interface
Firmware	FIDO 2.1 + PIV support <sup>Token2</sup> <a href="#">PIN complexity enforcement</a>
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°C - 50°C
Dimensions	85.6 mm x 53.98 mm x 1 mm
Storage temperature	-20°C - 70°C

While the **PIN+ FIDO2 NFC and Contact Card Release3.3** is designed for both mobile and desktop environments, desktop systems require an NFC or Smart Card Reader. For optimal performance, we recommend using 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



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## Summary

<b>Model Number</b>	PIN+ NFC Card Rel3.3
<b>Certification</b>	Level1, Level2
<b>Form-factor</b>	Credit card format NFC + SmartCard Contact
<b>Functions</b>	PIN+ FIDO2.1 WebAuthN+CTAP OpenPGP, PIV
<b>Additional features</b>	TOTP
<b>AAGUID</b>	eabb46cc-e241-80bf-ae9e-96fa6d2975cf
<b>Dimensions</b>	85×53×1 mm
<b>Weight</b>	2 gr
<b>Programmable</b>	yes
<b>Product ID</b>	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



## Contact Details

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

*Phone:* +41 22 512 55 00

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

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