TOKEN2 Sàrl
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PIN+ FIDO2 NFC and Contact Card Release3.3 - Nonbranded and Printable

Part no: T2F2NFCCardRelease3.3NBPIVChip · T2-120







Description

The **PIN+ FIDO2 NFC and Contact Card Release3.3** from Token2 is an NFC and ISO7816 contact 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 or inserting into a contact 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) and ISO7816 Smart Card Contact interface
Firmware	FIDO 2.1 + PIV support 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 ISO7816 Smart Card contact
Working temperature	-10℃ - 50℃
Dimensions	85.6 mm x 53.98 mm x 1 mm
Storage temperature	-20℃ - 70℃

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 Dual Reader or the T2SR Compact Smart Card Reader.

Platform Compatibility

Windows fully supports both transports (NFC and ISO7816 contact). On other operating systems, using the contact interface may require an additional tool to be installed. macOS currently works via NFC only.

This card is printable

You can print on this card using standard PVC card printers. Our testing has been conducted with printers such as the Evolis Badgy 100, ensuring compatibility and ease of use. This means that this FIDO2 card can serve as both an access badge and an authentication card, providing convenient and secure identification solutions for your needs.

⚠ Printing Restriction

Printing is **not supported** in the area around the ISO7816 contact chip on **either side** of the card. Please keep this region clear of any printed artwork to avoid damaging the chip or impairing contact-reader functionality.

Specifications

GENERAL	
Form factor	Card
Interface	NFC and iso7816

CONNECTIVITY	
USB-A	No
USB-C	No
NFC	Yes
Smart card	Yes
OTP	
OTP protocols	TOTP, HOTP (via app)
TOTP	Yes
HOTP	No
FIDO	
U2F	Yes
FIDO certification	L2
Minimum PIN policy	6 digits, complexity enforced
OpenPGP support	Yes
PIV support	Yes
Biometric	No
DIMENSIONS	
Dimensions	85×53×1