Product Specifications & Technical Details

Token2 - security is easy

Product Details

Token2 Pico - RP2350-Based FIDO2 Security Key

Warning: This device is intended for developers and FIDO enthusiasts. It is **not recommended for production use**—using it in such environments is possible, but at your own risk. Some services, such as AGOV or ID-Austria, are **not compatible**, and others, such as Microsoft Entra ID, **require advanced configuration**.

A compact and affordable **FIDO2 / WebAuthn security key** based on the Raspberry Pi **RP2350** microcontroller. Designed for phishing-resistant authentication, development, testing, and everyday secure logins. Ideal as a **primary or backup hardware key** for users who want standards compliance without premium secure-element pricing.

The firmware is based on a modified open-source fork of the pico-fido project, and the hardware is openly designed and documented

about pico-fido project

Key Highlights

- FIDO2 / WebAuthn compliant (CTAP1 & CTAP2)
- Passwordless and phishing-resistant authentication
- Physical button for user presence verification
- Preloaded firmware, user-upgradeable
- Open and developer-friendly design
- Excellent price-to-performance ratio

Technical Specifications

Specification	Details
Product Type	FIDO2 / WebAuthn Security Key
Microcontroller	RP2350 (Dual-core ARM Cortex-M33 + RISC-V)
Interface	USB-A
Authentication Standards	FIDO2, WebAuthn, CTAP 1 & 2
User Presence	Physical button
Firmware	Pre-installed, upgradeable
Secure Element	No
Attestation	Not supported
Supported OS	Windows, macOS, Linux
Typical Use Cases	Passwordless login, 2FA, development, backup key

System Compatibility

- AGOV – Not compatible
- ID-Austria – Not compatible
- Entra ID – Requires disabling attestation checks
- Other systems – Check with us before ordering

Good to Know

This device does **not** include a hardware secure element or attestation, making it best suited for **general use, development, and controlled environments**, rather than high-assurance enterprise deployments.

Product Images

Summary

Model Number	Pico
Certification	Not Certified
Form-factor	USB-A
Functions	FIDO2.1 WebAuthN+CTAP pico-fido with PIN complexity (PIN+)
AAGUID	N/A
Dimensions	19×7×2.4 mm
Weight	10 gr
Programmable	yes
Product ID	T2-114

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Product page

https://www.token2.com/shop/product/token2-pico-rp2350-based-fido2-security-key

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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