

WFCRYPTO

Secure Portable system

The next generation in Information Security

Wallettex, a leading provider of advanced security electronic devices, is proud to present a unique and innovative identification, secure communications, and data protection solution

A high speed, high security credit card sized wallet computer with integrated keyboard and screen, internal processor and cryptographic capabilities suitable for business, government and defense sectors.

Card features:

- Secure session (SSL) from card to remote computer bypassing the local host
- Strong internal processor with cryptography and calculation capabilities
- Encryption, storage, and information management via an internal hardware key (up to 128GB of memory)
- Identification and digital signature (PKI) Standard PKCS #11 and CSP interfaces
- Multi-Layered closed system protection, resistant to all types of external attacks.
- Micro USB to USB Socket
- Compliant with international security standards (common criteria EAL 4 +)



High Performance

Certified
Hi-Speed USB

Waterproof



PKI Cryptography

EAL4+



How **WFCRYPTO** works for you and your company



Specifications are subject to change without notice. Product is protected by patent. All rights reserved to WalleTex Microelectronics LTD.

Specifications	
Capacity	2GB, 4GB, 8GB, 16GB, 32GB, 64Gb, 128GB
HW Encryption	AES 128/196/256 bit using CBC-mode at data and 128 at HW, ECB (optional), keys AES 256, HW DRNG, PKI 512/1024/2048/4096-bit RSA, DH, Hashing 160/256bit SHA-1/2, FIPS validations 140-2 level 2 186-2 197, true RNG, DES/3DES (All cryptographic functions are executed internally on a highly secured chip, which is common criteria EAL4+ certified)
Interface	PKCS#11 – CSP
PKI Functions	Modulo size: 512 – 4096 bit, Calc. method: No CRT/CRT, RSA Key Generate, Signature, Encrypt, Decrypt
Key Storage	Hardware level, keys are stored inside a crypto chip protected against physical attacks
Password/Secure access	Complex/Independent for each partition; PIN/AES/PKI
Partitions	Up to 10 Independent Customized Partitions; Write enabled, CD, CD Auto-Run, hidden, OTP Protection
Identifications	Unique identification at card level
Connection	Micro USB interface
Read/Write speed	10MBps/8MBps-4MBps (dependent on 'on the fly' encryption)
Dimensions and weight	Credit card format w=53.8mm x h=85mm x d=2.6mm (2.11" x 3.34" x 0.1") 35 grams (1.2 Oz)
Durability	Waterproof [MIL-STD-810F] Heat resistance