

# LinkeoC-PRO

USB-C PC/SC contact (ISO 7816) and contactless (NFC / RFID) smart card reader with PIN CACHING management



## Multifunction reader for professional use



- ✓ Support microprocessor and memory cards
- ✓ Support contactless / NFC cards
- ✓ PC/SC CCID, USB-C, Plug & Play : compatible with Windows, Mac OS and Linux
- ✓ PIN CACHING management for multiple document signatures
- ✓ OLED graphic display and keyboard



### Supported operating systems

- Compatible with Windows, Linux and Mac OS
- PC/SC CCID



### Supported cards

- Support for contact cards with microprocessors and major memory cards
- Support contactless / NFC cards



### PIN CACHING

- Multiple signatures
- One-time PIN code entry



**LinkeoC-PRO** is a secure multifunction USB-C PC/SC contact and contactless smart card reader. It is designed for enterprise applications such as strong authentication, encryption, digital signature, enrolment, etc. LinkeoC-PRO manages PIN caching, which allows users to use their smart card without re-entering the PIN code for each transaction.

Developed using the latest technologies, LinkeoC-PRO is based on an extremely robust and proven security architecture. It thus guarantees both a high level of security and great ease of use.

### Interface(s)

- USB-C female 2.0 full speed
- PC/SC
- CCID

### Supported Operating System

- Windows, Linux et Mac OS

### Supported contact smart cards

- ISO 7816 classes A, B and C cards (5V, 3V and 1.8V)
- Microprocessor cards (T=0 and T=1 protocols)
- Memory cards
- Support PPS commands (Protocols and Parameter Selection), extended APDUs, Escape commands

### RFID/NFC supported contactless smart cards

- ISO 14443 type A and B cards (13.56 MHz)
- MIFARE and DESFire (EV1, EV2 and EV3)
- ISO/IEC 15693 and ISO/IEC 18000-3
- Felica
- Support Escape commands

### Features

- Cryptography algorithm:
  - RSA: 1536 bits, 2048 bits and 3072 bits
  - ECC: 256 bits and 384 bits

- Algo: secp1, brainpoolPr1, customedwards25519 and curve255199
- AES: 128 bits and 256 bits
- Secure management and storage of keys in the reader

- Display:

- Black graphic OLED display (resolution: width: 128 pixels, height: 64 pixels)

- Keyboard:

- Keyboard with 10 numeric keys + 3 control keys (Menu, Validate and Correct)

- Others

- 2 LEDs: one for activity and one for PIN CACHING mode
- Operating temperature range: 0° C to 50° C

- Advanced function: PIN CACHING:

- The PIN CACHING allows multiple signatures. The PIN code is entered at the start of the session and remains valid for all signatures. This is possible thanks to a specific security architecture between the application and the reader.

### Dimensions and weight

- Length 107 mm / width 72 mm / height 22 mm
- Weight 100 g



### About NEOWAVE

NEOWAVE specializes in strong authentication and secure transactions. NEOWAVE's products combine the high level of security provided by smart cards with the advantages of storage and connectivity technologies USB, RFID / NFC and Bluetooth Low Energy (BLE)

NEOWAVE products and services address the cybersecurity, digital trust and identity management markets.