



Smart Card Reader with USB-C / USB-A Combo Connector

USB 2.0 Type-C and Type-A Male to Contact Reader Interface, Supports Windows, macOS and Linux, Reads SIM Cards with Adapter, 1 m (3 ft.) Cable, Black

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External Desktop USB-C and USB-A Contact Smart Card Reader for Secure Data and Access Protection

Smart card technology finds popular applications in security and access control, financial transactions, medical records, loyalty programs, toll and vending collection, enterprise or single-user network sign-on and more that require secure information exchanges. Contact smart cards have a contact, or "chip," area with several contact pads that, when inserted into a Manhattan Smart Card Reader, can authenticate the user and safely transfer information between the card and the host computer. Smart cards are utilized extensively in Europe and Asia, and the use of smart cards is growing in North and South America. They replace less secure and less reliable barcode ID and magnetic stripe cards to provide flexible and standard transactions and strong, tamper-resistant authentication with minimal human intervention.

Quick and Easy Installation

Ideal for desktop and notebook computers without built-in readers, the Manhattan Smart Card Reader is easily installed using any USB port. Plug and play with Windows and Mac compatibility, it requires no external power supply or cables - just a simple USB connection.

Features:

- Versatile USB card reader for friction-type, contact smart cards
- Ideal for transactions and applications requiring secure information exchanges like healthcare, banking, government, employee time tracking, and loyalty systems
- 2-in-1 combo cable, 1 m (3 ft.), with USB-C and USB-A plugs
- Plug-and-play installation; Windows®, macOS®, and Linux® compatible
- Bus powered: no external power supply needed
- Supports host communication speeds of up to 12 Mbps
- Installs quickly and easily
- Supports JCOP4 and EMV 4.1
- Supports extended APDU exchange for fast, seamless handling of large smart-card data sets and modern eID applications
- Requires adapter to read SIM cards (not included and not available from Manhattan)
- Three-year warranty

Specifications:

Standards and Certifications

- FCC
- CE
- RoHS
- REACH
- UKCA
- USB 2.0
- CCID

General

- CPU card: meets ISO 7816-1, 2, 3, 4 (supports T=0 and T=1 protocols), PC/SC version 1.0/2.0 standard and EMV 4.1
- Memory card: synchronous 2-line, 3-line, SLE4418, 4428, 4432, 4442, AT88SC1608, 45D041 and I2C interface
- PC/SC compliant 1.0/2.0
- Supported OS including but not limited to: JCOP4
- LED power and activity indicator
- Power: voltage, USB 5 V + 5 %; consumption, 60 mA maximum

For more information on Manhattan products, consult your local dealer or visit www.manhattan-products.com.

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- Durability, cycles: IC card, 200,000

Connections

- One USB-C 24-pin, male (attachable plug)
- One USB-A 9-pin, male
- One USB-A 9-pin, female

Physical

- Dimensions (L x W x H): 84 x 65 x 15 mm (3.3 x 2.56 x 0.59 in.)
- Integrated USB cable: 1 m (3 ft.)
- Net weight: 56 g (0.12 lbs.)
- Gross weight: 84 g (0.19 lbs.)
- Housing: ABS
- IC: AU9580

Operating Environment

- Operation temperature: 0 to 50°C (32 to 122°F)
- Storage temperature: -35 to 60°C (-31 to 140°F)
- Humidity (noncondensing): 0 to 85%

System Requirements

- Available USB-C or USB-A port
- Windows XP/Vista/7/8.1/10/11, macOS or Linux

Package Contents

- Smart Card Reader
- Instructions



