



ACR1281U-C1

DualBoost II
USB Dual Interface Reader



Advanced Card Systems Ltd.
Card & Reader Technologies

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Product Information



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Product Overview

The ACR1281 Series is a family of Contactless Smart Card Readers sharing the same core. The readers are developed based on the 13.56 MHz RFID technology.

It is the second generation of the ACR128 DualBoost series. While it belongs to the Contactless Product Family, the smart card readers in this series also support contact smart cards.



Product Features



Intelligent Support

Hybrid and Combi Cards

Supported Card Types

ISO 14443 Type A and B
MIFARE® Classic, MIFARE Plus®,
MIFARE® DESFire® EV1
ISO 7816 Class A, B, C
Memory Cards

High-Speed Transaction

106 kbps – 848 kbps (Max.)

Smart Card Interface

PICC (Contactless)
ICC (Contact)
SAM (Contact)

Firmware Upgradeable

User-controllable Peripherals

2 LED
Buzzer

Others/Miscellaneous

Supports Extended APDU

Certifications/Compliance

ISO 14443, ISO 7816
CE, FCC, PC/SC, CCID
Microsoft® WHQL, RoHS, REACH

Protocols and Standards

ISO 14443 Parts 1-4
ISO 7816
PC/SC and CCID
USB Full Speed (12 Mbps)

Operating System Support

Windows®
Linux®
Mac OS®
Solaris
Android™





Product Value



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Product Value

- Cost Efficient – Single reader provides additional design and cost-saving benefits for systems integrators and card users.
- High Security – SAM on board (Contact Interface)
- PICC Support – ISO 14443 Type A & B
- High-speed Transaction – Baud rate up to 848 Kbps (contactless)



Product Value

- Contemporary Style and Durability – Card alignment tray for contactless card, landing type contact connector, and easy to replace SAM
- Ease of Integration – PC/SC-compliant, Native T=CL support
- Ease of Technology – Quick and easy migration from contact to contactless technology, and firmware upgradeable



Product Application



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In what areas can the ACR1281U-C1 be used?





Compliance & Certifications



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Thank You!



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