Product number: 17174

# NFC card metal/PVC - 85.6 x 54 mm - NTAG216 - 924 bytes - silver matt | without print | silver



## Product information

The metal NFC card combines elegance with functionality. Its high-quality design made of durable metal and the integrated NTAG216 chip make it ideal for various applications. This product is particularly popular for employee time recording, access control at trade fairs or as a digital business card. It is also compatible with all NFC-enabled smartphones, making it easy to run various apps.

## Short description

- Metal/PVC, rigid
- Format 85,6 x 54 mm
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG216 (NTAG216) - 924 bytes (NDEF: 868 bytes)

## Product description

### NFC product

The NFC metal card has the typical cheque card format of 85,6 x 54 mm with a material thickness of 1,20 mm. On the front of the metal card there is a thin PVC coating measuring 82 x 51 mm, behind which there is an on-metal layer. This is necessary to ensure the NFC function, as metal normally blocks the NFC signal. To ensure a harmonious appearance, the PVC layer is printed in the same color as the metal card. The NFC metal card is water-repellent and robust and therefore very durable.

### NFC chip

The metal NFC card is equipped with the original NXP NTAG216, which to date offers the largest available memory space in the NTAG21x series. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG216 has a total capacity of 924 bytes (free memory 888 bytes), of which 868 bytes are usable memory in the NDEF. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written to up to 100,000 times and has a data retention period of 10 years. The NTAG216 has the UID ASCII mirror feature, with which the UID of the tag can be appended to

the NDEF message, as well as an integrated NFC counter, which is automatically incremented during readout. Both functions are not activated by default. The NTAG216 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

- Total capacity: 924 bytes
- Free memory: 888 bytes
- Usable memory NDEF: 868 bytes

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Do you need higher quantities?

Contact us

# Product properties

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|---|---|
| **Product number** | 17174 |
| **Chip** | NXP NTAG216 |
| **Available colours** | silver , black , gold |
| **Dimensions** | 85 x 54 mm (W x H) |
| **Functions** | Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable |
| **Frequency** | 13.56 MHz |
| **Material** | Metal , PVC |
| **Data transfer rates** | 106 kbit/s |
| **Storage temperature** | Min -55°C - Max +125°C |
| **Chip standards / ISO Norm** | ISO 14 443-3 A , ISO 14 443-2 A |
| **Operating temperature** | Min -25°C - Max +70°C |
| **Data retention** | 10 years |
| **Number of write operations** | 100.000 times |
| **Product form** | rectangular |
| **Compatibility** | to NFC-enabled smartphones: 100% |
| **Material thickness** | 1,2 mm (T) |
| **Further links** | ntag |
| **Antenna** | Aluminium |
| **Colour category** | silver |
| **NFC Forum Type** | NFC Forum type 2 |

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|---|---|
| **Detail colour** | silver |
| **Type** | Card |
| **Water resistance** | waterproof (IP67) |
| **Memory** | 924 Byte (free: 888 Byte, NDEF: 868 Byte) |

## More images



