Product number: 17173UN1

NFC card metal/PVC printed on one side - 85.6 x 54 mm - NTAG216 - 924 bytes - black matt | printed on one side | black



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)
- Printed on one side
- 4-color printable
- Print finish: satin

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.

Print

Our products are printed using a process that offers high resolution, colour accuracy and durability. This makes it possible to display images in photorealistic quality or to print even tiny font sizes legibly. This

environmentally friendly technology enables us to personalise your products on one or both sides and add logos, images, text or other designs from a wide range of colours. The applied colour layer is abrasion-resistant and resistant to water, sunlight and chemicals.

For your desired design, simply download our suitable print template and provide us with your desired print layout conveniently via our configurator.

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

Do you need higher quantities?

Contact us

Product properties

Product number	17173UN1
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
Detail colour	black
Product form	rectangular
Colour category	black
Compatibility	to NFC-enabled smartphones: 100%
Material thickness	1,2 mm (T)
Further links	ntag
Antenna	Aluminium

NFC Forum Type	NFC Forum type 2
Type	Card
Water resistance	waterproof (IP67)
Memory	924 Byte (free: 888 Byte, NDEF: 868 Byte)

More images





