Product number: 17176

NFC card bamboo - 85,6 x 54 mm - NTAG216 - 924 bytes - wood look - portrait format with slot | without print



Product information

The NFC card made of bamboo with a wooden look is an alternative for anyone who values renewable raw materials. The integrated NTAG216 chip offers enough memory to implement all common scenarios. 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

- Bamboo material, rigid
- Format 85,6 x 54 mm
- Indoor use, limited outdoor use
- Ambient temperature -25 to +70 degrees
- NXP NTAG216 (NTAG216) - 924 bytes (NDEF: 868 bytes)

Product description

NFC product

The wood-look NFC card is made of bamboo and has a format of 85.6 x 54 mm with a material thickness of 1.43 mm. In portrait format, it has a 15 x 3 mm slot to which a lanyard can be easily attached. It has a smooth surface and fits easily into standard wallet compartments for cards thanks to its typical cheque card format. The card's bamboo material is rigid but not waterproof, which is why it is only suitable for outdoor use to a limited extent.

NFC chip

The NFC card made of bamboo 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	17176
Chip	NXP NTAG216
Dimensions	85 x 54 mm (W x H)
Detail colour	brown
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	Bamboo
Data transfer rates	106 kbit/s
Colour category	braun
Material thickness	1,43 mm (T)
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Weight	4,4 g
Data retention	10 years
Number of write operations	100.000 times
Product form	rectangular
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
Antenna	Aluminium
NFC Forum Type	NFC Forum type 2
Type	Card

Adhesive layer	No
Memory	924 Byte (free: 888 Byte, NDEF: 868 Byte)

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