

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

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Do you need higher quantities?

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## Product properties

<b>Product number</b>	17176
<b>Chip</b>	NXP NTAG216
<b>Dimensions</b>	85 x 54 mm (W x H)
<b>Detail colour</b>	brown
<b>Functions</b>	Write protection, UID ASCII Mirror, 32-bit Password, 24-bit Counter, ASCII Mirror, 7 Byte UID, ECC-based original signature, true anticollision, rewritable
<b>Frequency</b>	13.56 MHz
<b>Material</b>	Bamboo
<b>Data transfer rates</b>	106 kbit/s
<b>Colour category</b>	braun
<b>Material thickness</b>	1,43 mm (T)
<b>Chip standards / ISO Norm</b>	ISO 14 443-3 A, ISO 14 443-2 A
<b>Weight</b>	4,4 g
<b>Data retention</b>	10 years
<b>Number of write operations</b>	100.000 times
<b>Product form</b>	rectangular
<b>Compatibility</b>	to NFC-enabled smartphones: 100%
<b>Further links</b>	ntag
<b>Antenna</b>	Aluminium
<b>NFC Forum Type</b>	NFC Forum type 2
<b>Type</b>	Card

<b>Adhesive layer</b>	No
<b>Memory</b>	924 Byte (free: 888 Byte, NDEF: 868 Byte)

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