

Product number: 17180

# NFC plate bamboo - 80,5 x 80,5 mm - NTAG213 - 180 bytes - wood look | without print



## Product information

Thanks to its size and robust material, the NFC plate is suitable for a wide range of applications. From rating buttons to information signs, there are no limits to the ideas. With the NXP NTAG213 chip and 180 bytes of memory, it offers optimum functionality and sufficient memory for a URL that links to the desired destination. Made from the renewable raw material bamboo, it combines environmentally conscious design with modern technology.

## Short description

- Bamboo material, rigid
- Format: 80,5 x 80,5 mm
- Indoor use, limited outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 bytes (NDEF: 137 bytes)

## Product description

### NFC product

The NFC plate is made of bamboo and is characterized by its natural wood look. With dimensions of 80,5 x 80,5 mm and a material thickness of 1.4 mm, it is large enough to display information clearly, but still handy. The bamboo sign is particularly suitable for indoor use, while outdoor use is rather limited due to the material's limited water resistance.

Please note: Our bamboo plates are a natural product. Slight variations in color, texture, thickness, or feel are due to the material and do not constitute a quality defect. Rather, they emphasize the uniqueness of each individual product.

### NFC chip

The NFC plate is equipped with the original NXP NTAG213 and offers a cost-effective entry into the NTAG21x series. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG213 has a total capacity of 180 bytes (free

memory 144 bytes), of which 137 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 NTAG213 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 NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

- Total capacity: 180 bytes
- Free memory: 144 bytes
- Usable memory NDEF: 137 bytes

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Do you need higher quantities?

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## Product properties

<b>Product number</b>	17180
<b>Type</b>	Plate
<b>Dimensions</b>	80,5 x 80,5 mm (B x H)
<b>Material thickness</b>	1,4 mm (T)
<b>Weight</b>	6,5 g
<b>Memory</b>	180 Byte (free: 144 Byte, NDEF: 137 Byte)
<b>Detail colour</b>	brown
<b>Frequency</b>	13.56 MHz
<b>Material</b>	Bamboo
<b>Chip</b>	NXP NTAG213
<b>Data transfer rates</b>	106 kbit/s
<b>Storage temperature</b>	Min -55°C - Max +125°C
<b>Colour category</b>	braun
<b>Chip standards / ISO Norm</b>	ISO 14 443-3 A, ISO 14 443-2 A
<b>Operating temperature</b>	Min -25°C - Max +70°C
<b>Data retention</b>	10 years
<b>Number of write operations</b>	100.000 times
<b>Compatibility</b>	to NFC-enabled smartphones: 100%
<b>Further links</b>	ntag
<b>Antenna</b>	Aluminium
<b>Product form</b>	square
<b>NFC Forum Type</b>	NFC Forum type 2

<b>Adhesive layer</b>	No
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