



NXP® NTAG® 216 NFC Card



SKU:	RS-N216-CR80
Chip Type:	NXP® NTAG® 216
Frequency:	HF 13.56 MHz
Protocol:	ISO/IEC 14443-A, NFC Forum Type 2
User Memory:	888 bytes
UID Memory:	7 bytes
EEPROM:	924 bytes
Read Range:	Up to 10 cm
Industry:	Access Control, Events, Transportation
Applications:	Public Transportation, Event Ticketing, Access Control, Loyalty System, E-Government & Identity

The NXP® NTAG® 216 CR80 NFC Card is a high-quality contactless card crafted from durable, photo-grade PVC in the standard CR80 format. It features a 7-byte UID and provides 888 bytes of user memory across 222 pages, allowing flexible data storage for a variety of NFC applications. Fully compliant with NFC Forum Type 2 and ISO/IEC 14443-A standards, the card ensures seamless interaction with NFC-enabled devices for applications like loyalty programs, event access, and interactive marketing campaigns.

Built around NXP®'s NTAG® 216 IC, this NFC card combines reliable read/write performance with robust anti-collision capabilities. Its ample memory and standardized UID make it suitable for both single- and multi-application scenarios, while its durable PVC construction ensures long-term usability. Ideal for retail, hospitality, and promotional activities, the NTAG® 216 CR80 card provides a secure, user-friendly, and versatile solution for businesses looking to leverage NFC technology in creative and practical ways.

Physical Information	Material	Black Core PVC, White Core PVC, White Core PET (WEEE Directive✓), White Core ABS (WEEE Directive✓), Wooden (WEEE Directive✓)
	Card Size	86×54×0.88 mm (3.4"×2.2")
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 20%~90% RH
	Surface Treatment	Glossy, Matte or Frosted
	Personalized Printing (NA For Wooden Cards)	Thermal Transfer/Dye Sublimation
	Customization Options (NA For Wooden Cards)	Pre-Printing, Barcode Printing, Embossing, Holograms, Signature Panels, UV Printing, Hot Stamping, Punch Holes
	Care Tips	1. Avoid excessive bending 2. Keep away from water 3. Store in cool and dry place
Cleaning Tips		1. Use a soft, dry cloth 2. Avoid harsh chemicals or abrasive cleaners 3. Remove stains immediately

Technical Information	Operating Frequency	13.56 MHz
	Communication Protocol	ISO/IEC 14443-A, NFC Forum Type 2
	Chip Type	NXP® NTAG® 216
	User Memory	888 bytes
	UID Memory	7 bytes
	EEPROM	924 bytes
	Data Transfer	106 kbit/s
	Read Range	Up to 10 cm
	Data Retention	10 years
	Write Endurance	100,000 times
	Anti-Collision	Support
	Read Range	32 bit Password, EAS Capability, TruST25 Digital Signature

Packaging Information	Packing Format	Single pieces, piece by piece
	Packing Quantity	200 pcs/case, G.W. : 1.3 kg
	Packing Method	1000 pcs or 2000 pcs/carton
	Carton Dimension	1000 pcs: 23×20×17 cm (G.W.: 7 KG); 2000 pcs: 48×23×14 cm (G.W.: 13 KG).

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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