



NXP® NTAG® 210μ RFID Card



SKU:	RS-N210-CR80
Chip Type:	NXP® NTAG® 210μ
Frequency:	HF 13.56 MHz
Protocol:	ISO/IEC 14443-A, NFC Forum Type 2
User Memory:	48 bytes
UID Memory:	7 bytes
Read Range:	Up to 10 cm
Industry:	Events, Healthcare, Transportation, Business
Applications:	Access Control, NFC, ETC Toll Payment, Vehicle Tracking

The NXP® NTAG® 210μ CR80 RFID Card is a compact and cost-efficient NFC solution built on the ISO/IEC 14443-A standard. Equipped with the NTAG® 210 μ chip, this card offers reliable performance and universal compatibility with all NFC-enabled devices. It is designed with 48 bytes of user memory, making it suitable for simple data storage, identification, and one-tap applications such as URL redirection, product authentication, or event check-in. The NTAG® 210 μ also provides unique 7-byte UID and integrated originality signature for enhanced security and traceability.

Crafted in a CR80 (credit card) format, the NTAG® 210μ card combines durability, thinness, and ease of printing for branding or personalization purposes. Its balance of low cost, stable performance, and interoperability makes it an ideal choice for mass-market applications, including smart packaging, NFC business cards, loyalty programs, and interactive marketing campaigns. With its efficient memory design and robust RF performance, the NXP® NTAG® 210μ CR80 card offers an excellent entry-level option for scalable and creative NFC deployments.

Physical Information	Material	Black Core PVC, White Core PVC, White Core PET (WEEE Directive√), White Core ABS (WEEE Directive√), Wooden (WEEE Directive√)
	Card Size	85.6×54×0.88 mm
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Net Weight	About 5.8 g
	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® 210μ
	Data Transfer	106 kbit/s
	Data Integrity	16 bit CRC
	Read Range	Up to 10 cm
	True Anticollision	Support
	User Memory	48 bytes
	UID Memory	7 bytes
	Originality Signature	Support
	Field Programmable Read-Only Locking Function	Support
	Anti-Tearing	Support for capability container (CC) and lock bits
	Security Features	Pre-programmed ECC-based originality signature, offering the possibility for customizing and permanently locking

Packaging Information	Packing Format	Single pieces, piece by piece
	Packing Quantity	200 pcs/case, G.W. : 1.26 kg
	Packing Method	1000 pcs or 2000 pcs/carton
	Carton Dimension	1000 pcs: 23×20×17 cm (G.W.: 6.3 KG); 2000 pcs: 48×23×14 cm (G.W.: 12.6 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.
 ● **Product Updates and Revisions:** [rfidbridge.com](https://www.rfidbridge.com) may change products, specs, or services at any time without prior notice.
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