

# Product Introduction, *RN6*

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# Topics

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- ***RN6* Introduction**
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  - Outline
  - System Tour
  - Features
  - System/Smart Cradle Definition
  - System Specification
  - Sales Package

# Product Brief

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RN6



Navigation

## Key Features

- GPS navigation
- TMC
- Bluetooth 2.0
- Remain UART Interface for Speed Camera Application
- Ultra Slim,  
Thickness in 12.6mm

## Key HW Spec.

- Processor  
MTK ARM11 @ 468MHz
- Memory Configuration  
64MB mobile DDR  
1GB or 2GB on Board Flash
- Display  
5.0" TFT-LCD w/ Touch Panel  
WQVGA 480x272
- GPS  
MTK GPS Solution
- TMC  
RTA -3000, Optional Accessory
- Bluetooth  
BT2.0EDR
- MISC:  
micro SD Card Slot  
(up to 8GB micro SD Card)  
mini USB B-type  
(2.0 High Speed)

## Key SW Spec.

- OS: Windows CE 5.0
- Car Navigation Application
- Bluetooth Profiles for HFP, DUN, SPP, Call Log, Dial Pad Phonebook Download
- Photo viewer

## Power System

- Battery Li-polymer, 1250mAh
- Normal Usage 2.5 hrs
- Navigation 2 hrs

## Dimension & Weight

- 128.9x85.2x12.6mm
- TBD

## Smart Cradle Option

- Opt. 1, Power only
- Opt. 2, Video-in & Power

# RN6 Outline

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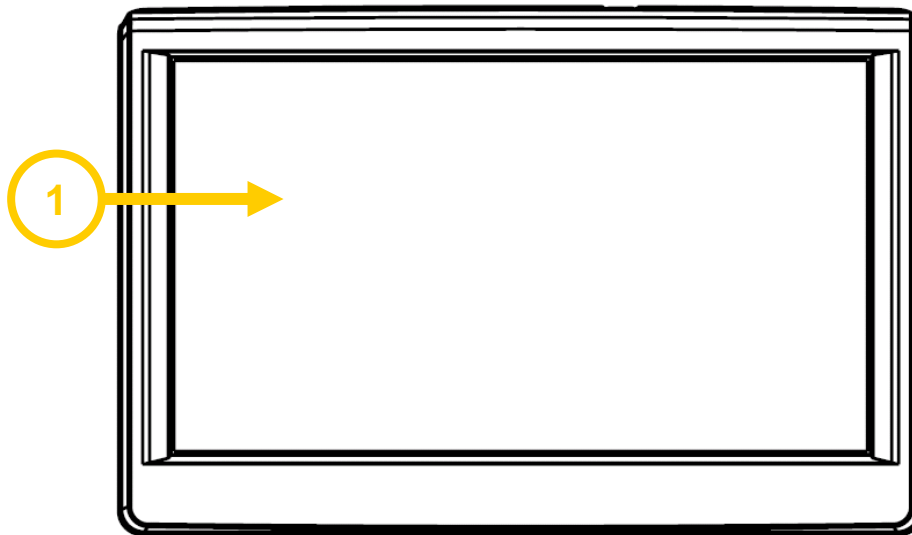


# System Tour (1/4)

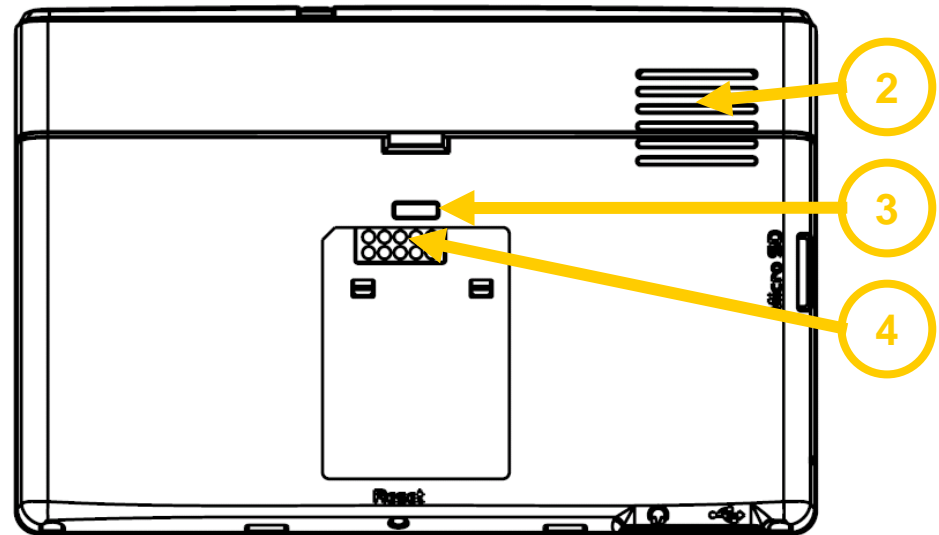
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## Front and Rear Panels

Front Panel



Rear Panel



# System Tour (2/4)

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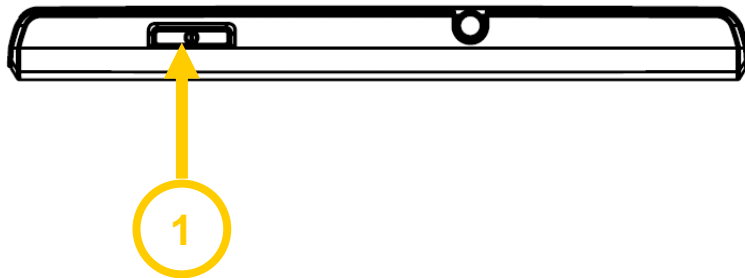
## System Tour -- Front and Rear Panels

No	Icon	Component	Description
1		Touch Screen	Displays the applications, data, and map images available on your device. It is touch sensitive and responds to finger taps.
2		Speaker	Emits system sounds.
3		Hook Point	Fixed Point for Cradle
4		Car Kit Connector	Connectors for connecting to Cradle for optional applications

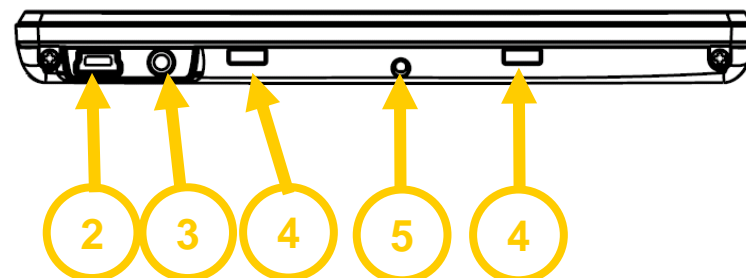
# System Tour (3/4)

## Top and Bottom Views

Top View



Bottom View

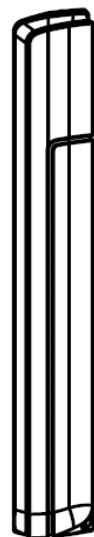


### System Tour – Top and Button Views

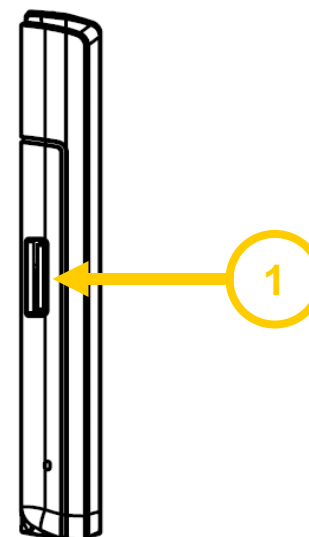
No	Icon	Component	Description
1		Power Button	(Suspend/Wakeup) (ON/OFF) the device.
2		Mini USB Slot	Card Reader Mode / DC-in Power
3		Ear-Phone Jack	Jack Port for Ear Phone
4		Car Kit Hooks	Fixed Points for Car Kit.
5		Reset Button	Reset System

# System Tour (4/4)

Left Panel



Right Panel



## System Tour – Left and Right Panels

No	Icon	Component	Description
1		Micro-SD slot	Accepts micro-SD (Secure Digital) memory cards.



# Features (1/2)

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## **Powerful System**

- Microsoft Windows CE version 5.0 operating system
- MTK ARM11 processor @ 468MHz Clock Rate
- MTK latest high sensitivity GPS chipset and firmware solution
- Rechargeable 1250 mAh Li-polymer battery

## **Wide and Accurate GPS Coverage**

- Intuitive and intelligent navigation software
- Integrated chip antenna for optimum satellites pick up

## **Mobile Design**

- Compact dimension in 128.9x85.2x12.6mm and lightweight body, makes it easy for you to carry it anywhere
- Car mount kit for multi-vehicle usage
- On-the-road recharging options via the car charger

## **Battery Life**

- Normal usage: 2.5 hours (Default Backlight)
- Navigation software usage: for more than 2 hours (Default Backlight)

# Features (2/2)

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## **Ergonomic Features**

- 5.0-inch WQVGA touch-sensitive LCD screen
- Simple, easy-to-use user interface with large icons and command buttons
- Multi-language user interface

## **Multimedia Program**

- **Photo** for your favorite digital pictures
- WMA & WMV

## **Optional Application for Bluetooth**

- **Bluetooth** for making and receiving phone calls in hands-free mode, DUN, SPP, Call Log, Dial Pad, Phonebook Download

## **TMC Accessory, Option for Traffic Information Application**

- **RTA-3000 TMC Accessory** for selected models

## **Smart Cradle Option**

- Option 1, Power only
- Option 2, Video-in & Power

# System/Smart Cradle Definition

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## System Definition List

Model	Definition Description
RN6	Basic Model, GPS only
Option Function	Basic Model plus Bluetooth application

## Smart Cradle Option

Option 1	Power Only
Option 2	Video-in & Power

# System Specification (1/4)

Hardware Features	
Aspect	Description
Processor	MTK ARM11 application processor
Display	5.0 inch screen for a wider viewing angle
GPS Chipset	Latest chipset and firmware solution
Memory	<ul style="list-style-type: none"><li>• 64 MB mobile DDR for system memory</li><li>• <b>1GB</b> on board Flash memory ( for operating system and embedded applications ); Model with 2GB Flash memory is also available</li></ul>
Power	<ul style="list-style-type: none"><li>• High-density rechargeable 1250 mAh Li-polymer battery (4 hours charging time from empty to full capacity)</li><li>• Recharging options<ul style="list-style-type: none"><li>- Car charger</li><li>- USB cable</li></ul></li></ul>
Audio	<ul style="list-style-type: none"><li>• 1 W built-in speaker</li><li>• 2.5 mm stereo earphone jack</li></ul>
Connectivity	<ul style="list-style-type: none"><li>• Mini USB B-type (2.0 High Speed )</li><li>• micro-SD slot (Supports up to 8GB HCSD)</li></ul>

# System Specification (2/4)

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## Design and Ergonomics (1/2)

Aspect	Description
Compact and Lightweight	<ul style="list-style-type: none"><li>• Dimensions (L x W x H): 128.9x85.2x12.6mm</li><li>• Weight: TBD</li></ul>
User-friendly interface	<ul style="list-style-type: none"><li>• Portable Navigator<ul style="list-style-type: none"><li>- Touch sensitive screen</li></ul></li><li>• Car mount<ul style="list-style-type: none"><li>- Windshield Mount</li><li>- Firm grip suction cup provides a steady vibration-free support</li></ul></li><li>• Software<ul style="list-style-type: none"><li>- Multi-language user interface options</li><li>- System configuration based on individual user preferences</li></ul></li></ul>

# System Specification (3/4)

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## Design and Ergonomics (2/2)

Aspect	Description
Mobile Design	<ul style="list-style-type: none"><li>• Suction-based car mount facilitates multi-vehicle usage</li><li>• Compact and lightweight body makes it easy for users to carry anywhere</li><li>• On-the-road recharging via car charger</li><li>• Simple, out-of-the-box operation: Mount, dock, and you're ready to go. No hassle with screws and cables.</li></ul>
Option Peripherals	<ul style="list-style-type: none"><li>• Car mount</li><li>• Smart Cradle</li><li>• SD Card</li><li>• Car charger</li><li>• USB cable</li></ul>

# System Specification (4/4)

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## Environmental Specifications

Aspect	Description
Temperature	<ul style="list-style-type: none"><li>• Operating: 0°C to 55°C</li><li>• Storage: -20°C to 70°C</li></ul>
Relative humidity (non-condensing )	<ul style="list-style-type: none"><li>• Operating: 20 % to 90 % RH</li><li>• Non-operating: &lt; 20 % RH and &gt;90 % RH</li></ul>

# Sales Package

In Box, Accessories					
Device	RN6		USB Cable	Option	
Car charger	Yes		micro SD (Capacity Selectable)	Option	
Smart Cradle	Option		Colour Box	Yes	TBD
Car Mount	Yes		TMC Accessory	Option	