

Product Introduction, *RN5*

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Topics

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Product Brief

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RN5



Navigation

Key Features

- Flat Touch Panel
- GPS navigation
- Bluetooth
- FM Transmitter
- Optional TMC Accessory, RTA-3000, available

Key HW Spec.

•Processor

Samsung 2416 @400MHz

•Memory Configuration

64MB mobile DDR

1GB/2GB/4GB on Board Flash

•Display

4.3" TFT-LCD w/ Touch Panel

Flat Display

WQVGA 480x272

•GPS

MTK 3318, 14 channels

•Bluetooth

for hands-free application

•FM Transmitter

•MISC:

mini SD Card Slot

mini USB B-type
(2.0 High Speed)

Key SW Spec.

- OS: Windows CE 5.0
- Car Navigation Application
- Multi-media Player

Power System

- Battery Li-Ion, 930 mAh
- Normal Usage 2.5 hrs
- Navigation 2 hrs

Dimension & Weight

- 123mmx82mmx14.8mm
- ~165 g

Power Cradle Option

- for power charging

RN5 Outline



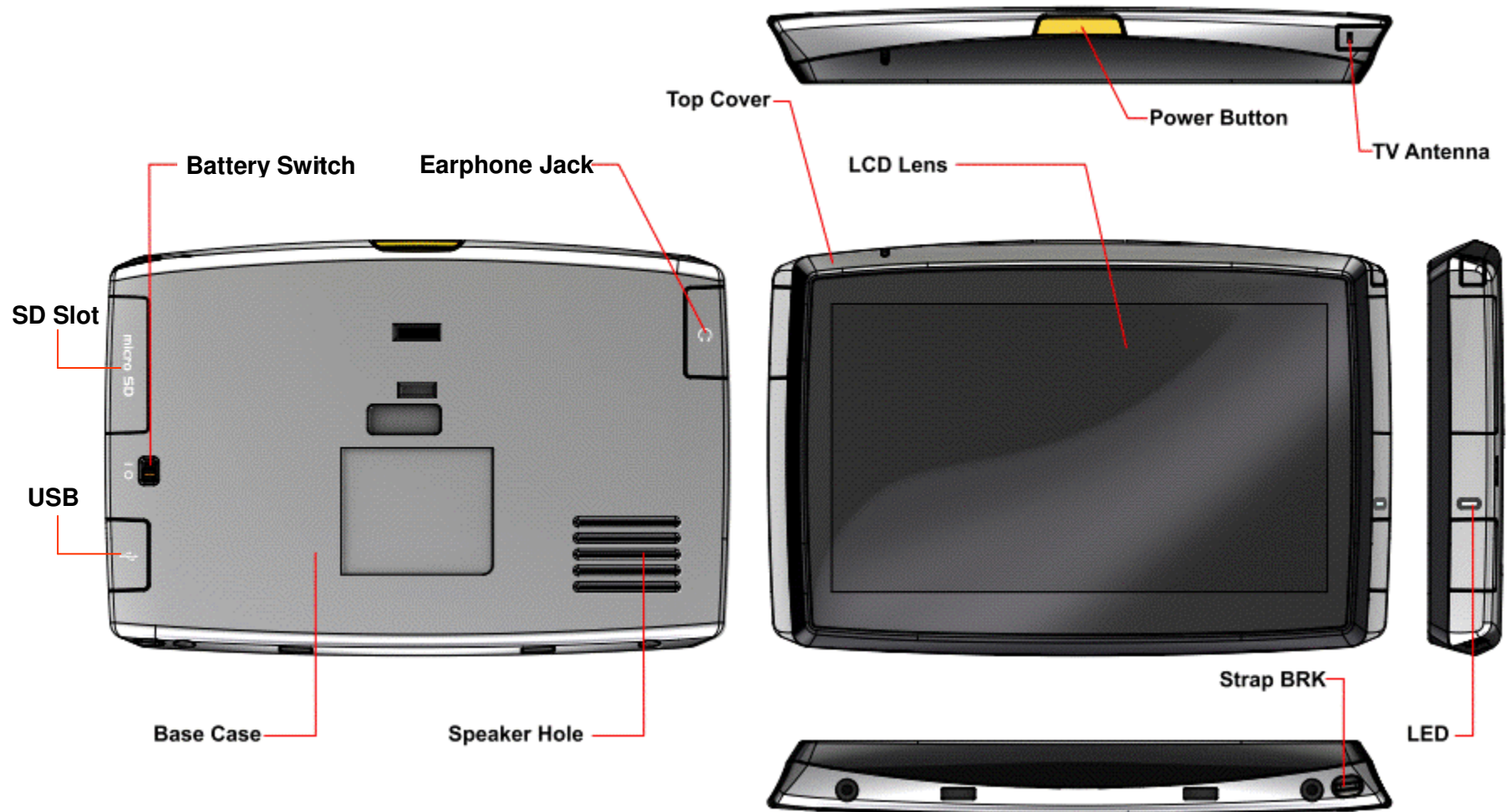
RN5 Outline



RN5 Outline



System UI Introduction



Features (1/2)

Powerful System

- Microsoft Windows CE version 5.0 operating system
- **Samsung processor @ 400MHz Clock Rate**
- Latest MediaTek high sensitivity GPS chipset and firmware solution
- **Rechargeable 930 mAh Li-ion battery**

Wide and Accurate GPS Coverage

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

Mobile Design

- Compact dimension in **123 x 82 x 14.8mm**
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
- **Navigation software usage: for more than 2 hours**

Features (2/2)

Ergonomic Features and Stylish Design

- **4.3-inch WQVGA** touch-sensitive LCD screen
- **Flat panel** for stylish outlook
- Simple, easy-to-use user interface with large icons and command buttons
- **Multi-language** user interface

Multimedia Program

- **Photo** for your favorite digital pictures
- **FM Transmitter** for Car Audio Application

Optional Application for Bluetooth

- **Bluetooth** for making and receiving phone calls in hands-free mode

TMC Accessory, Option for Traffic Information Application

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

Smart Cradle Option

- **Power Charging** Cradle

System Specification (1/5)

Hardware Features

Aspect	Description
Processor	Samsung processor @ 400MHz
Display	4.3 inch screen for a wider viewing angle and in flat panel design
GPS Chipset	MediaTek latest chipset and firmware solution
Memory	<ul style="list-style-type: none">• 64 MB mobile DDR for system memory• 1GB onboard Flash memory (for operating system and embedded applications); Model with 2GB/4GB Flash memory is also available
Power	<ul style="list-style-type: none">• High-density rechargeable 880 mAh Li-ion battery (3hours charging time from empty to full capacity)• Recharging options<ul style="list-style-type: none">- Car charger- USB cable
Audio	<ul style="list-style-type: none">• 1 W built-in speaker• 3.5 mm stereo earphone jack
Connectivity	<ul style="list-style-type: none">• Mini USB B-type (2.0 High Speed)• micro-SD slot (Supports up to 8GB HCSD)

System Specification (2/5)

Hardware Features

Aspect	Description
FM Transmitter	Option for on board
Bluetooth	2.0
TMC	RTA-3000, the accessory option for Real Time Traffic Info

System Specification (3/5)

Design and Ergonomics (1/2)

Aspect	Description
Compact and Lightweight	<ul style="list-style-type: none">• Dimensions (L x W x H): 123 x 82 x 14.8mm• Weight: ~165g
User-friendly interface	<ul style="list-style-type: none">• Portable Navigator<ul style="list-style-type: none">- Touch sensitive screen• Car mount<ul style="list-style-type: none">- Windshield Mount- Firm grip suction cup provides a steady vibration-free support• Software<ul style="list-style-type: none">- Multi-language user interface options- System configuration based on individual user preferences

System Specification (4/5)

Design and Ergonomics (2/2)

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

System Specification (5/5)

Environmental Specifications

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

Sales Package

In Box, Accessories					
Device	RN5		USB Cable	Option	
Car charger	Yes		micro SD (Capacity Selectable)	Option	
Standard Cradle	Yes		Colour Box	Yes	TBD
Car Mount	Yes		TMC Accessory	Option	