

RP1600

New paradigm of Industrial Smartphone.

Be the **First and Best**

1.8GHz Octa-core CPU (SAMSUNG Exynos)

Android 6.0

ROM 16GB / RAM 3GB

4G LTE



New Concept of Industrial Smartphone

- Field service operation
- Utility meter reading
- Parking enforcement
- Sale force automation
- Postal service
- Retail shop operation
- Health care
- Restaurant order taking



LASER



2D IMAGER



HF RFID



IC card reader



4G LTE



AGPS



13MP / AF



WIFI a/b/g/n



Bluetooth 4.0



IP 64
1.5M drop



Android

www.gen2wave.com

RP1600

SPECIFICATIONS

Performance Characteristics

CPU	1.8GHz Octa-core processor (SAMSUNG Exynos)
OS	Android 6.0
RAM	3GB
ROM	16GB

Physical Characteristics

Dimensions	139mm(H) x 73mm(W) x 21mm(D) 5.4inch(H) x 2.8inch(W) x 0.8inch(D)
Weight	250g (8.8oz) with 1860mAh Battery 300g (10.6oz) with 4000mAh Battery
Display	4.3Inch / WVGA(480x800)
Touch Panel	Capacitive touch (Optional : Resistive touch)
Sensors	Acceleration Sensor, Magnetic Field Sensor, Proximity and Ambient Light Sensor
Keypad	5 Front Key / 5 Side Key
Battery	Standard : 1860mAh Li-Ion Middle : 2860mAh Li-Ion Extended : 4000mAh Li-Ion RFID & IC Card Reader Battery : 2860mAh Li-Ion
Backup Battery	200mAh Li-Polymer (Hot-swap available)
Expansion Slot	MicroSD Card (up to 32GB)
Communication	Host : USB 2.0 High Speed Client : USB 2.0 High Speed External Serial RS232C

User Environment

Operating Temperature	-20 °C ~ 60 °C (-4 °F ~ 140 °F)
Storage Temperature	-30 °C ~ 70 °C (-22 °F ~ 158 °F)
Humidity	Non-condensing, 93%
Drop Test	1.5m (5 feet)
IP Rating	IP64

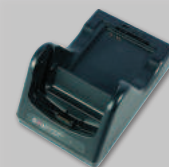
Integrated Radios

Wireless WAN	Gemalto PLS8-E, 4G LTE support : 800, 900, 1800, 2600MHz UMTS / HSPA+, Triple band : 900, 1800, 2100MHz GSM / GPRS / EDGE, Dual band : 900, 1800MHz
Wireless LAN	IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.0+HS
GPS	Embedded A-GPS

Data Capture

Camera	13 Mega pixel Camera with Autofocus and LED flash
1D Scanner	1D Laser Scanner
2D Imager	2D Imager
NFC	HF 13.56MHz, ISO 14443A/B, Mifare, ISO 15693 card support 2 SAM Slot
IC Card Reader	Contact type IC Card Reader

ACCESSORIES



Desktop Cradle
- Charging / USB
- Ethernet (optional)



4 slot Cradle
- Charging+ USB
- Ethernet (optional)



Vehicle Cradle
- Charging
- RS232 (optional)



Direct auto charger Kit
(From cigarette to RP1600) Charging only



Snap on
- USB client,
Direct charging,
Earphone connector
- Ethernet (optional)



Direct Adaptor cable
Direct Adaptor cable
for serial connection /
USB Host / headset

- All accessories are shared for all the RP series
- For a complete listing of all products,
please visit <http://www.gen2wave.com>