

RP1600

New paradigm of Industrial Smartphone.

Be the **First and Best**

1.8GHz Octa-core CPU (SAMSUNG Exynos 5430)

Android 4.4 KitKat (with GMS)

ROM 16GB / RAM 2GB (Optional 3GB)



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

SPECIFICATIONS

Performance Characteristics

CPU	1.8GHz Octa-core (SAMSUNG, Exynos5430)
OS	Android 4.4 KitKat (With GMS)
RAM	2GB (Optional : 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&Card Reader Battery : 2860mAh Li-Ion
Backup Battery	200mAh Li-Polymer
Expansion Slot	MicroSD Card (up to 32GB)
Communication	Host : USB2.0 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

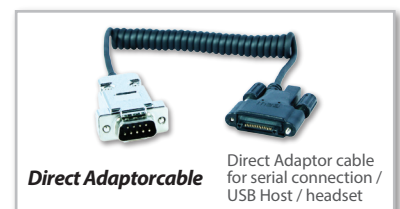
Integrated Radios

Wireless WAN	4G / LTE / HSPA+ / UMTS / HSDPA / HSUPA / HSPA + : 800, 850, 900, 1900, 2100MHz GSM/ GPRS/ EDGE : 850, 900, 1800, 1900MHz
Wireless LAN	IEEE 802.11 a/b/g/n
Bluetooth	Bluetooth 4.0+HS
GPS	Embedded A-GPS

Data Capture

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

ACCESSORIES



- All accessories are shared for all the RP series