iData 70 Mobile Computer

➢ Working more efficiently through extremely speedy data collection

✓ The latest industry-level scanning engine ensures high sensitivity and accuracy.

✓ Streamlined systematic data collection process results in an increased scanning speed.

✓ Scanning and verification can be done in one step thanks to the new design of ergonomic scanning angle.

✓ Data collection with NFC, GPS positioning, high-definition camera or by other means is supported, so as to enable professional, precise and efficient collection of business data.

➢ Data transmission becoming more efficient and timely

✓ Seamless network selection and connection according to needs with 4G wireless communication supported by all network operators helps to realize more efficient business data connection and communication.

iData, make enterprises smart and connected.

✓ The 5th generation Wi-Fi technology (802.11ac) is used to increase the transmission speed by 300%, enable free switch and transmission between two channel frequencies, and make the signal stronger and more stable.

✓ Bluetooth 4.0 transmission technology features low power consumption and fast connection, perfectly matched with mainstream portable printers.

➢ **Long-life battery supporting full-day operations.**

✓ 5000mAh li-polymer safe battery is used to support full-loaded operations of up to 24 hours.

✓ The use of low-energy-consuming chipset and optimized system result in more efficient and less energy-consuming operations.

✓ Fast recharging technology is adopted to shorten the recharging time by 40% and further extend the battery life.

System Configuration

CPU	High-performance quad-core 1.3 GHz processor
Operating System	Android 5.1
Memory	(Optional) 16 GB ROM+2 GB RAM (Optional) 8 GB ROM+1 GB RAM
Expansion Slot	Micro SD card, up to 32 GB
Display	4 inch, 800 x 480
Touch Panel	Industrial-grade capacitive panel
Camera (optional)	8 MXP autofocus camera in the back side , autofocus lens, LED flash
Exit Window	Corning® Gorilla® glass
Keypad	21 front keys, 4 side keys
Battery	3.8 V 5000 mAh rechargeable lithium polymer battery
Audio	Built-in microphone /Micro USB
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor

Structural Parameters

Dimensions (LxWxD)	159 mm×71 mm×20 mm
Weight	270 g (battery included)

Communication Transmission

Network frequency	GSM 850/900/1800/1900MHz, CDMA BC0（800MHZ）, WCDMA band 1/5, TD-SCDMA band 34/39, TDD-LTE band 38/39/40/41, FDD-LTE band 1/3
Data service	GPRS/EDGE/ EVDO /HSPA+/TD-SCDMA/TDD-LTE/FDD-LTE
Wireless LAN	(Optional) Wi-Fi 802.11a/b/g/n (Optional) Wi-Fi 802.11a/b/g/n/ac
Bluetooth	Bluetooth 4.0+EDR, Supporting BLE
GPS	Supporting GPS / AGPS/Glonass

Operating Environment

Development Tools	Android SDK+ JDK+Eclipse
Programming Language	Java
Operating Temp.	-10℃ ~ 50℃ (14℉ ~ 122℉)
Storage Temp.	-20℃ ~ 60℃ (-4℉ ~ 140℉)
Relative Humidity	0 ~ 95% (non-condensing)
Drop Specification	1.5-meter drops to concrete ground
Sealing	IP65
Electrostatic Discharge	Conforms to ±15 kV air discharge, ±8 kV direct discharge

1D Laser Scanner

Optical Resolution	≥ 4 mil
Scan Depth of Field	3.81 cm - 60.98 cm
Scan Angle	47°±3°(Standard)
Scan Speed	102±12 scans/sec. (Bidirectional)

1D / 2D Area Imager

Optical Resolution	≥ 3 mil
Scan Angle	Omnidirectional
Scan Speed	300 scans/sec.

NFC （Optional）

Frequency	13.56 MHz
Reading Distance	Within 10 mm
Protocol	ISO14443A/14443B/15693

Input/Output Ports

USB Port	1 (Micro USB port)
Charger Port	1

Accessories

Standard	Battery, Wrist strap
Optional	Battery with NFC, USB, Power adapter, Charging stand, DC charging line

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