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.

✓ 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	16 GB ROM+2 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	20 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	262 g (battery included)

Communication Transmission

	GSM 850/900/1800/1900MHz, CDMA BC0（800MHZ）,

Network frequency	WCDMA band 1, 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, Hand strap
Optional	USB cable, Power adapter, Charging stand

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