

## iData 80 Healthcare Mobile Computer

Design for medical personnel, supports multiple mobile healthcare applications



### ➤ Extra-large screen, HD full view display + medical light

- ◆ An industry-leading 5.7-inch extra-large screen, 18:9 full view display, which is more comprehensive, thus easily checking the medical information.
- ◆ **Equipped with an easy access to the flashlight, so as to facilitate** medical personnel can easily collect the nursing data under different environments.

### ➤ Professional bar code scanning engine + efficient data transmission

- ◆ **Equipped with the most powerful scanning engine in the industry**, iData 80HC can accurately and quickly read barcodes on patient's wrist straps, transfusion bags and transfusion bottles.
- ◆ **iData 80HC supports dual band Wi-Fi wireless and supports 4G network.** It provides faster and more stable wireless communication for healthcare data transmission.

### ➤ iData Series Enterprise Applications

- ◆ **iData self-developed Enterprise apps (iSeries Apps)**, among many others, it includes the iLauncher (Kiosk or Lock-down mode) where admin can customize which apps and features are available for the users of the iData 80HC.
- ◆ iData MDM makes the information department manage all the PDAs of the hospital easily and alleviate the management maintenance pressure.

### ➤ Lighter, safer and more durable

- ◆ iData 80HC weights only 240g. The medical-grade antibacterial shell can effectively avoid cross infection.

- iData 80HC boasts an ultra-fast fingerprint sensor so you can swift unlock the mobile computer; supports multiple fingerprint recognition applications, supports all enterprise mobile applications;
- iData 80HC is very rugged, meets IP65 protection grade and 1.5-meter drop standard on the cement.

## System Configuration

CPU	Octa-core 1.4 GHz
Operating System	Android 7.1
Memory	16 GB ROM+2 GB RAM
Expansion Slot	Micro SD card, up to 32 GB
Display	5.7-inch, 1440 x 720 High resolution (18:9 full view display)
Touch Panel	Industrial-grade capacitive touch panel
Camera (optional)	13 MXP autofocus camera in the back side, autofocus lens, LED flash
Exit Window	Corning® Gorilla® glass
Keypad	3 front keys, 4 side keys, Power key
Battery	3.8 V 4000 mAh rechargeable lithium polymer battery
Audio	Built-in microphone /Type-C USB
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Fingerprint module	Capacitive fingerprint module

## Structural Parameters

Dimensions (LxWxD)	164 mm x 79mm x 15.5 mm (max thickness 22mm)
Weight	240g (battery included)

## Communication Transmission

Wireless WAN (Network frequency)	<p>Asia &amp; Europe:</p> <p>2G: B2/B3/B5/B8</p> <p>3G: WCDMA: B1/B2/B5/B8 CDMA&amp;EVDO: BC0</p> <p>TD-SCDMA:B34/B39</p> <p>4G: FDD-LTE: B1/B3/B5/B7/B8/B20 TDD-LTE: B38/B39/B40/B41</p> <p>America:</p> <p>2G: B2/B3/B5/B8</p> <p>3G: B2/B5/B8</p> <p>4G: B2/B4/B5/B13/B17</p>
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Wireless WAN (Data service)	GSM/GPRS/EDGE/CDMA/UMTS/HSPA/HSPA+/EVDO/WCDMA/TD-SCDMA/TDD-LTE/FDD-LTE
Wireless LAN	Wi-Fi 802.11a/b/g/n/ac (Dual-band Wi-Fi: 2.4G+5G)
Bluetooth	Bluetooth 4.1
GPS	Supporting GPS/AGPS/Glonass/Beidou Compass

## Operating Environment

Development Tools	Android SDK+ JDK+Eclipse
Programming Language	Java
Operating Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temp.	-40°C ~ 60°C (-40°F ~140°F ) battery included -40°C ~ 70°C (-40°F ~158°F) battery not included
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

## 2D Area Imager

Scan Precision	3mil c39/128
Rotate Angle	360°
Pitch Angle	±45°
Skew Tolerance	±65°
Scan Frequency	1 scans /50ms
Laser Safety Grade	Class II
Image Resolution	844(H)×640(V)
Image Frame	60fps
Light Source System	White light, laser aiming
Minimum Printing Contrast	20%
Code Support	Aztec Code , Codabar , Codablock F , Code 11 , Code 128 , Code 2 of 5 , Code 39 , Code 93 , Data Matrix , EAN/JAN-13 , EAN/JAN 8 , EAN-UCC Composite Codes , EAN-UCC Emulation , IATA Code 2 of 5 , Interleaved 2 of 5 , Matrix 2 of 5 , MaxiCode , MicroPDF417 , MSI , PDF417 , Postal Codes ( Australian Post , British Post , Canadian Post , China Post , Japanese Post , Korea Post , Netherlands Post , Planet Code , Postnet ) , Plessey Code , PosiCode ,

	QR Code , RSS Expanded , RSS Limited, RSS-14 , TCIF Linked Code 39 , Telepen , Trioptic Code , UPC-A , UPC-E, etc.
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**NFC**

Frequency	13.56 MHz
Reading Distance	Within 30 mm
Protocol	ISO14443A/14443B/15693

**Input / Output Ports**

USB Port	1 (Type-C USB port)
Charger Port	1

**Accessories**

Standard	Battery, Power adapter, Hand strap
Optional	USB cable, Single cradle, 4-slot device cradle, Carry case, Waist bag



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