

## iData 80HC Healthcare Mobile Computer

Design for medical personnel supports multiple mobile healthcare applications

### Extra-large screen, HD full view display + medicallight

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 2D 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 (2.4GHz / 5GHz) 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 iData80.

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	High-performance octa-core 1.4 GHz processor
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	162x78.8x15.5 mm (max thickness 22mm)
Weight	240g (battery included)

### Communication Transmission

Wireless WAN	GSM/GPRS: 850/900/1800/1900 MHz
(Network frequency)	TWCDMA: B1/B2/B5/B8, EVDO 800 MHz, TD-SCDMA:B34/39 UMTS / HSPA+ Primary bands 1/8. LTE Bands 1/3/5/7/8/20/38/39/40/41
Wireless WAN	GPRS/EDGE/TD-SCDMA/TDD-LTE
(Data service)	
Wireless LAN	Wi-Fi 802.11 a/b/g/n/ac (Dual-band Wi-Fi: 2.4G+5G)
Bluetooth	Bluetooth 4.1
GPS (optional)	SupportingGPS/AGPS/Glonass/Beidou Compass



### Operating Environment

Development Tools	Android SDK+ JDK+Eclipse
Programming Language	Java
Operating Temp	-10°C ~ 50°C
Storage Temp	-20°C ~ 60°C
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

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 (Type c USB port)
Charger Port	1

### Accessories

Standard	Hand strap, Protective film
Optional	Type C cable, Power adapter, 4-slot cradle, Silicon case

### Applications:

