

iData 95HC Healthcare Mobile Computer

iData 95HC is a professional healthcare mobile terminal specially designed for nurses. It is fashionable, light, portable, and easy to operate. It has an antibacterial shell and powerful data collection and transmission functions. It is born to assist nurses for their mobile healthcare.

An advanced healthcare mobile terminal.

Adopting Android OS, iData 95HC brings handy operation and higher efficiency for nurses. Supporting 3G wireless communication, iData 95HC guarantees reliable real-time transmission of key data in the hospital.

Professional and powerful.

iData 95HC adopts an antibacterial shell, provides stronger data collection and transmission functions, and supports easier operation, helping nurses provide safer and more satisfactory mobile healthcare.

Excellent and professional design tailored to nurses.

Excellent and professional design makes iData 95HC delicate, fashionable, light, and portable. Nurses are delighted when they use iData 95HC and will not feel tired even after long-time use.

Reliable and durable products.

Based on full understanding of enterprise mobility, each aspect of iData 95HC, including product design, parts selection, production and testing, is rigorous and strict to ensure that each iData device is reliable and durable.

Modular design and complete accessories.

For users' benefits, iData fully considers users' customization requirements so that they can select or customize devices more flexibly according to their business requirements.



System Configuration

CPU	High-performance quad-core 1.3 GHz processor
Operating System	Android 4.4
Memory	8 GB ROM + 1 GB RAM
Expansion Slot	Mini SD card, up to 32 GB
Display	3.5-inch RETINA display (640 x 960)
Touch Panel	Industrial-grade capacitive touch panel (supporting operation with gloves)
Camera (Optional)	5 Mega pixel, autofocus lens, LED flash
Exit Window	Corning® Gorilla® glass
Keypad	Durable industrial keypad with interior transmission light
Battery	3.7 V 4000 mAh rechargeable lithium polymer battery (6000 mAh battery optional)
Audio	Built-in microphone
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Sensor	Built-in G-sensor

Structural Parameters

Dimensions	152x68x24 mm
Weight	255g (standard battery included)

Communication Transmission

Wireless Voice	3G: WCDMA 850/2100MHz
Communication	2G: GSM 850/900/1800/1900MHz
Wireless WAN	WCDMA/HSPA+/GPRS/GSM
Wireless LAN	Wi-Fi 802.11b/g/n
Bluetooth	Bluetooth 4.0+LE
GPS	High performance GPS navigation chip

RFID

Frequency	13.56 MHz
Reading Distance	Within 50 mm
Protocol	ISO14443A/14443B/15693
NFC	Optional

Accessories

Standard	Battery, Hand strap, Power adapter, Bottom charging cable
Optional:	1-slot charging & communication stand, 4-slot battery charger, Silicon Case, Smart pen

Operating Environment

Development Tools	Android SDK+JDK+Eclipse
Programming Language	Java, C
Management Tools	iData tools
Operating Temp	-10°C to 50°C
Storage Temp	-20°C to 60°C
Relative Humidity	0 to 95% (non-condensing)
Drop Specification	1.5-meter drops to concrete ground
Tumble Specification	500 0.5-m tumbles (1000 hits)
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 Linear Imager

Reading Mode	CCD
Reading Accuracy	≥4 mil
Decoding Speed	300 times/sec. (Max.)

2D Area Imager

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

Input/Output Ports

USB Port	1 (Micro USB port)
Charger Port	1 (Charging interface at the bottom)
Headset Port	1
Serial Port	1 (TTL)