

iData 65 Super-efficient Mobile Computer

Tailored for mobile applications in logistics and warehousing management



➤ 3.5-inch HD display

- Ultra-high resolution (960*640), visible under strong light, perfectly adapted to indoor and outdoor operations, user's on-site working environment is no longer limited.

➤ Large scan range and excellent scan performance

- Capable for short, medium and long distance scanning. Wide scan range, can either having quick data collection in short distance or easy handling with high racks — minimum 10MIL / 7.62cm, maximum 100MIL / 21.4M.
- iData 65 is equipped with industrial 1D/2D barcode scanning engine for accurate and quick scanning.
- Back scan button allows scanning from any angle.

➤ Super strong wireless communication and real-time business data transmission

- iData 65 has powerful Wi-Fi performance with strong signal, higher speed and stable roaming.
- It supports multiple wireless communication modes including Bluetooth/GPS.

➤ Industrial-graded design, reliable and durable

- It has 4600 mAh rechargeable lithium polymer battery to provide 18-hour full load operations, it fully meets mobile application requirements for indoor and outdoor environment.

- ♦ It gets double injection molding technology, aviation-grade aluminum magnesium alloy, top-grade military resin materials.
- ♦ IP65 protection grade to make the device rugged, water and dust resistant.
- **Flexible disassembly, free choice**
- ♦ Flexible structure, device and handle can be purchased separately.

System Configuration

CPU	Quad-core 1.3 GHz
Operating System	Android 6.0
Memory	16 GB ROM+2 GB RAM
Expansion Slot	Micro SD card
Display	3.5 inch, 960x640 HD display
Touch Panel	Industrial-grade capacitive touch panel
Camera (optional)	8 MXP autofocus camera, autofocus lens, LED flash
Exit Window	Corning Gorilla glass
Keypad	26 front keys, 4 side keys, Power key
Battery	3.7 V 4600mAh rechargeable lithium polymer battery
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Sensor	G-Sensor

Structural Parameters

Dimensions (LxWxD)	183 mm× 69 mm×35 mm
Weight	280g (battery included, pistol grip not included)

Communication Transmission

Wireless LAN	Wi-Fi 802.11a/b/g/n (Dual-band Wi-Fi: 2.4G+5G)
Bluetooth	Bluetooth 4.0 LE
GPS	Supporting GPS/AGPS/BEIDOU/GLONASS

Operating Environment

Development Tools	Android SDK+ JDK+Eclipse
Programming Language	Java
Operating Temp.	-20℃ ~ 60℃ (-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 Scanner

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

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
Headset Port	1

Accessories

Standard	Battery, Power adapter, Wrist strap, Hand strap
Optional	Bottom charging cable, USB cable, Charging cradle, Pistol grip, 4-slot battery cradle, Screen protector, Waist bag

