

# iData T1 Mobile Computer

Extremely light, high performance



## ➤ "Thin" & "Tough"

- ◆ **Hand-held 5.5-inch (1440\*720 resolution) full-screen thin and light PDA**, 18:9 screen design ratio, support multi-task split screen operation;
- ◆ **Powerful protection:** 1.5 meters drop resistance, IP68 dust and water resistance, noise resistance, cold resistance and heat resistance, the screen is clearly visible under strong light, gloves & wet and dry hand touch.

## ➤ Professional functions, readily available

- ◆ **Full code scanning:** quick scanning + long-lasting scanning + wider scanning range;
- ◆ **Enterprise-grade Wi-Fi:** deep optimization, extremely fast roaming, and easy handling of more complex Wi-Fi scenarios;
- ◆ **Security recognition:** front and rear dual cameras support face recognition + fingerprint recognition;
- ◆ **One-touch PTT (push to talk):** (customizable) Quickly realize "one-to-one" and "one-to-many" calls.

## ➤ Basic functions, better performance

- ◆ Android 10.0 OS · Octa 2.0GHz CPU · Memory optional 4GB RAM+64GB ROM/2GB RAM+16 GB ROM, maximum 6 GB RAM +128 GB ROM
- ◆ Full Netcom, dual card dual standby · BT5.0 · NFC · Double camera · 5000mAh large battery
- ◆ GPS/AGPS/BEIDOU/GALILEO/GLONASS/QZSS

## System Configuration

CPU	Octa-core 2.0 GHz
Operating System	Android 10.0
Memory(ROM+RAM)	16GB + 2GB (optional 32GB + 3GB /64GB + 4GB /128GB + 6GB)
Expansion Slot	Micro SD card, up to 256 GB
Display	5.5 inch, 1440*720 high resolution, 18:9
Touch Panel	Industrial-grade capacitive panel (supporting operation with gloves)
Camera	13MPX autofocus camera in the back side, 5MPX autofocus camera in the front side, supporting PDAF
Keypad	2 side keys, Power key, total 3 keys
Battery	3.8 V 5000mAh rechargeable lithium polymer battery
Charging	Supporting Type-C cable charging
Notification	Vibrator alerts/LED/Audio notification
Vibration Motor	Built-in programmable vibration motor
Sensor	G-Sensor
Intercom function	(Optional) Support one-touch PTT call

## Structural Parameters

Dimensions (LxWxD)	157mmx74mmx13.6mm
Weight	230g (battery included)

## Communication Transmission

Wireless WAN (Network frequency)	2G: B2/B3/B5/B8 3G: WCDMA: B1/B5/B8 CDMA: BC0 TD-SCDMA:B34/B39 4G: FDD-LTE: B1/B3/B5/B7/B8/B20 TDD-LTE: B34/B38/B39/B40/B40
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/r/ac (Dual-band Wi-Fi: 2.4G+5G) Wi-Fi 5G PA amplifier
Bluetooth	Bluetooth 5.0 LE
GPS	GPS/AGPS/BEIDOU/GALILEO/GLONASS/QZSS

## 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 )
Relative Humidity	0 ~ 95% (non-condensing)

Drop Specification	1.5-meter drops to concrete ground
Sealing	IP68
Electrostatic Discharge	Conforms to $\pm 15$ kV air discharge, $\pm 8$ kV direct discharge

## 2D Area Imager

Optical Resolution	3mil c39/128
Rotating angle of view	360°
Scanning angle	tilt $\pm 45^\circ$ , deflection $\pm 65^\circ$ , Rotate 360°
Recognition speed	20/s
Laser safety level	Class II
Image Resolution	844(H) $\times$ 640(V)
Image frame rate	60fps
Light source system	White light, laser aiming
Minimum print contrast	20%
Supported Symbologies	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

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

## Input/output Ports

USB Port	1(Type-C USB port), support Type-C headphone
Charger Port	1(Back charging interface)
OTG	Support

## Accessories

Standard	USB Cable, Hand Strap, Power adapter
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