

Urovo®

# DT50D

## Enterprise Mobile Computer

One Shot  
to the “Code”

### Wide coverage UHF

High performance UHF antenna design, design get a bunch of tag in a glance.

### Compact design, slim and smart

Perfectly merged RFID module into sexy design. As elegant as your phone.

### Built-in NFC

Equipped Near-Field-Communication (NFC), make data transfer easy and reliable.

### Precisely 1D/2D barcode decoding

Embedded leading 1D/2D scan engine, adapt to poorly printed, distorted and damaged barcodes.

### Design for your business

Applicable to retail shops, jewelry houses, bank vaults, ticket gates, hospitals...etc.





 **CPU**  
Octa-core high performance processor

 **RFID**  
1.5M UHF RFID

 **Display**  
5.7" Giant touch screen

 **IP Rating**  
IP67 waterproof

 **Drop Resistance**  
1.5M drop resistance

 **Partner Connect**  
Simplify your device management

# DT50D SPECIFICATIONS

## PERFORMANCE CHARACTERISTICS

CPU	Octa-core, 1.4GHz processor
Memory	2GB RAM / 16GB ROM 4GB RAM / 64GB ROM (optional)
O.S.	Android 9.0

## PHYSICAL PARAMETER

Display	5.7" HD sunlight display, 720 x 1440 pixel resolution , 283 PPI.
Touch panel	Ultrasensitive capacitive touch panel, works with gloves and wet fingers; coming Gorilla glass; multi-touch
Dimensions	162.8*76*13.6mm (Max. 21.9mm) 6.4*3.0*0.5in(Max. 0.9in)
Weight	307g/10.8oz
Screen Backlight	LED Backlight
Power	Replaceable 3.85V/4300mAh Battery
Expansion slot	Micro SD card, support SDHC, SDXC, up to 128GB
SIM	Nano-SIM x 2
Notification	Audio, LED, vibration
Buttons	Scan button *2, Power button, Volume +/- button, Programmable button
Audio	Speakers, dual microphones, receiver , earphone jack

## ENVIRONMENTAL

Operating Temperature	-20°C~60°C (-4°F~140°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Humidity	5% RH~95%RH (No condensation)
Temperature Test	Device can withstand rapid conversion from -40 to 70°C
Drop Specification	Multiple 1.5m drops on concrete floor
Tumbling Test	Device can withstand 200 roller drops of 1.5m, with a frequency of 10 roller test per minutes
Sealing	IP67
ESD	±15KV Air discharge, ±8KV Contact discharge

## DATA CAPTURE

Scanning	Professional scan engine, support 1D/2D barcode and screen barcode, support PDF417 and microQR.
Camera	Front - 5MP Rear - 13MP auto-focus color rear camera with flash

## RFID(UHF)

Frequency	865-868MHz, 902-928MHz
Protocol	ISO 18000-6C(EPC Global Class 1 Gen 2)
Reading Distance	Up to 1.5 meters(relative to tags)
Reading Speed	50 tags per second
Type	Circularly polarized antenna

## WIRELESS WAN

Radio Frequency Band	4G: TD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B28A/B28B)
	3G: WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz)
	2G: CDMA 1x GSM/EDGE/GPRS(850/900/1800/1900)
GPS	Support GPS(A-GPS), BEIDOU, GLONASS, Galileo
VoLTE supported	Support Vo-LTE HD video voice call

## WIRELESS LAN

WiFi	IEEE 802.11 a/b/g/n/ac/d/e/f/h/i/k/r/v
Frequency	5GHz: 802.11a/n/ac----Maximin rate 433Mbps 2.4GHz: 802.11b/g/n----Maximum rate 150Mbps
Working Channels	2.4G: 1-13 5G: 34-140, 149-165
Encryption	WEP, WPA/WPA2-PSK WAPI certificate, WAPI-PSK
Fast Roaming	802.11r, PMKID caching, OKC

## WIRELESS PAN

Bluetooth	BT4.2+BR/EDR+BLE
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## Optional Accessories



Single Cradle



Hand Strap



4-Slot Battery Charger



Multi-slot Cradle