

Urovo®

DT50

Champion
is back

Enterprise Mobile Computer

ULTIMATE PERFORMANCE

Octa-core extreme speed CPU delivered ultimate performance with low power consumption.

5.7" INCH GIANT SCREEN

High sensitivity and ultra-brightness screen, crystal sunlight visible experience.

PRECISELY BARCODE DECODING

Embedded market-leading scan engine, auto-correct damage/distortion barcode.

WIRELESS TRANSFER BECOME MORE STABLE AND RAPID

2x2 MU-MIMO dual band antenna and BT 5.0, high speed with low energy use.

VARIOUS SPECIFIC ACCESSORIES

Flexible accessory available. Simpler, easier, and sharper.



UHF RFID
Handy Terminal



3D shape and volume
measurement terminal

SPECIFICATIONS DT50

PERFORMANCE CHARACTERISTICS

CPU	Octa-core 1.8GHz
Memory	RAM: 4GB, ROM:64GB
O.S.	Android 9.0

PHYSICAL CHARACTERISTICS

Display	5.7" TFT-LCD 720*1440 pixels 1080* 2160 pixels (Optional)
Touchpanel	Ultra sensitive capacitive touch panel, works with gloves and wet fingers; Corning® Gorilla® Glass; Multi-touch
Dimensions (L×W×H)	162.6mm× 76mm×13.6mm 6.4in× 3in× 0.53in
Weight	250g/8.8oz (include battery)
Power	Rechargeable 3.85V 4300mAh lithium polymer battery pack(Typical Operation time ≥10 hours) Support QC4.0 quick charge, charging time less than 3 hours
Micro-SD	Micro SD card, up to 128GB extensions
SIM	2×Nano-SIM slots
Notification	LED, Speaker, Vibrator
Buttons	Scan button ×2, Power button, Volume +/- button, User definable button
Audio	Dual-microphone support with noise cancellation,high quality speaker, PTT headset support; cellular circuit switch voice

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(non condensing)
Drop Specification	Multiple 5 ft./1.5 m drops on concrete across full operating temperature range.
Tumble Specification	400 roller drops of 1m, with a frequency of 10 roller test per minutes
Thermal Shock	- 40°C ~ 70°C (-40°F~158°F) rapid transition
Sealing	IP67
ESD	±15kV air discharge; ±8kV direct discharge

FINGERPRINT

Optical Sensor

VERSION

FBI PIV and FBI Mobile ID FAP20 certificates Captures high-quality fingerprint images, distinguishes fake fingerprints made from various materials assuring highest security.

DATA CAPTURE

Scanning 1D/2D imager

Camera Front - 5MP
Rear - 13MP auto-focus color rear camera with flash

NFC ISO 14443 Type A and B; FeliCa/Mifare and ISO 15693 cards; Reader mode, P2P mode, Card Emulation mode Apple Enhanced Contactless Polling(ECP)

WIRELESS WAN DATA AND VOICE COMMUNICATIONS

Radio Frequency Band TD-LTE(B34/B38/B39/B40/B41)
FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B28A/B28B)
WCDMA(B1/B2/B4/B5/B8)
TD-SCDMA(B34/B39)
CDMA2000 1x EV-DO Rev.A BC0 (800MHz)
CDMA 1x
EDGE/GPRS(850/900/1800/1900)
Data- Only

GPS Concurrent GPS; GLONASS; Galileo; BeiDou, and A-GPS

Vo-LTE Support Vo-LTE HD video voice call

WIRELESS LAN

WIFI IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w, 2X2 MU-MIMO

Data Rates 5GHz:802.11a/n/ac --- up to 866.7Mbps
2.4GHz:802.11b/g/n --- up to 300Mbps

Operating Channels 2.4G: 1-13(Depend on regulatory rules & certification agency)
5G: 36,38,40,42,44,46,48,52,56,60,64,100,104, 108,112,116,120,124,128,132,136,140,149,153, 157,161,165

Security and Encryption WEP;WPA/WPA2-PSK(TKIP and AES);WAPI-PSK-EAP-TTLS, EAP-TLS,PEAP-MSCHAPv2,PEAP-LTS,PEAP-GTC,PWD, SIM, AKA

Fast Roaming PMKID caching, 802.11r, OKC

WIRELESS PAN

Bluetooth BT5.0 + BR/EDR + BLE

INTERACTIVE SENSOR

Sensor Acceleration sensor, light sensor, proximity sensor,3-axis geomagnetic sensor, fingerprint sensor

Optional Accessories



Fingerprint version



Single-slot Cradle



Scan Trigger

Hand Strap



5-slot Share Cradle



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