

UROVO®

DT50

Champion is back

Enterprise Mobile Computer

Unparalleled performance

Android 9 Pie with GMS Google AER certified Advanced Qualcomm Octa-core 2.2GHz processor, boost performance with low power consumption.

5.7" Giant bezel-less display

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

Precisely barcode decoding

Equip industry-leading 1D/2D scan engine with megapixel sensor and advanced optics, providing speedy and errorless data collection.

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.




 IP RATING
IP67 waterproof

 Drop resistance
MIL 1.5M drop

 CAMERA
16M pixel

 Battery
QC4.0 ready

 PARTNER CONNECT
Simplify your device
management

DT50 SPECIFICATIONS

PERFORMANCE CHARACTERISTICS

CPU	Qualcomm octa-core 2.2GHz processor
Memory	4GB RAM / 64GB ROM 6GB RAM / 128GB ROM (Optional)
O.S.	Android 9 Pie with GMS (Global Messaging Services)

PHYSICAL CHARACTERISTICS

Display	5.7" TFT-LCD sunlight screen 720 x 1440 pixel, 283 ppi 1080 x 2160 pixel, 424 ppi
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 256GB extensions
SIM	2×Nano-SIM slots
Notification	LED, Speaker, Vibrator
Buttons	Scan button ×2, Power button, Volume +/- button , user programmable button
Audio	Dual-microphone with noise cancellation, high quality speaker, PTT headset supported

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	200 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 BATTERY COVER (OPTIONAL)

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

Scanning	1D/2D imager, support PDF417, microQR
Camera	Front - 5MP Rear - 16MP 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 GSM/EDGE/GPRS(850/900/1800/1900)
GNSS	GPS; GLONASS; BeiDou; Galileo; A-GPS supported
Vo-LTE	VoLTE HD video/voice call supported

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 BLE(Bluetooth Low Energy)
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INTERACTIVE SENSOR

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

Regulatory	CE, CB, FCC, IC, CCC, SRRC, RCM
MDM	AER (Android Enterprise Recommend), SOTI, AirWatch , IVANTI, Team Viewer certified

APPLICATIONS

Urovo U-Home	U-Launcher, U-Talking, ScanWedge, FeatureSet, AutoInstall , U-Setting, KeyMapping, AppMarket, Analysis, UMS and SDK support.
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Optional Accessories



Fingerprint Battery Cover



Single Cradle



Pistol Grip



Hand Strap



5-slot Share Cradle