# 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

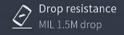
Embedded market-leading scan engine, autocorrect damage/distortion barcode.

## VARIOUS SPECIFIC ACCESSORIES

Flexible accessory available. Simpler, easier, and sharper.













# SPECIFICATIONS DT50Q

# PERFORMANCE CHARACTERISTICS CPU Octa-core 1.8GHz (Qualcomm Snapdragon 636) Memory RAM: 4GB, ROM:64GB RAM: 6GB, ROM: 128GB(Optional) O.S. Android 9.0 (Pie)

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	265g/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	- $40^{\circ}$ C ~ $70^{\circ}$ C (- $40^{\circ}$ F~158°F ) rapid transition	
Sealing	IP67	
ESD	±15kV air discharge; ±8kV direct discharge	

# FINGERPRINT VERSION

Optical Sensor FBI PIV and FBI Mobile ID FAP20 certificates Captures high-qulity 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 GSM/EDGE/GPRS(850/900/1800/1900)
GPS	Concurrent GPS; GLONASS; Gallileo; BeiDou, and A-GPS
Vo-LTE	Support Vo-LTE HD video voice call

# WIRELESS LAN

WIFI	IEEE 802.11a/b/g/n/ac
Data Rates	5GHz:802.11a/n/acup 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