

DT40

Enterprise Smart Mobile Computer

ENTERPRISE SECURITY / DRIVING MOBILITY

DT40 is specially designed with a chic outlook, industrial reliability and enterprise level security, for the retail, logistics, warehousing and manufacturing industries.

This user-oriented device has a keypad, mature octa-core A53 CPU architecture, extended operational hours with 4500mAh battery and top-grade scan engine to boost work efficiency of operators.



Professional Scan Engine

The integrated professional scan engine responds to almost any barcode type in the world. Experience an unparalleled, reliable, 1D and 2D barcode capture for the high intensive scan tasks.



Maximum Workforce Productivity

The 4-inch high definition display provides outdoor readability. The 3 scan buttons offer a convenient scan with users choosing the scan button according to their hand position while working. The scan module comes in a slanted style for ease-of-scan. The device is highly rugged to withstand numerous drops and various environments. Altogether, DT40 is designed for user comfort, workforce productivity and enterprise investment.



Mobile WIFI Solutions

The 802.11r millisecond-level fast roaming technology provides a seamless switch between access points, thus ensuring that devices are continuously connected to the Wi-Fi station that provides better signal strength and avoiding offline modes.

- Support Roam Trigger settings
- Support Roam Period setting
- Support Roam Delta setting



Ergonomic Keypad Design

The carefully designed 20-key keypad covers all required functions to eliminate the issue of unresponsive touch screens, especially when wet, and assures accurate input even while wearing gloves. It includes 4 user-definable keys to customize keypad functions according to enterprise needs for high speed of use.



Multiple Supporting Accessories

The DT40 is even more user-friendly with the various, attentively designed, supporting accessories. A highly efficient scan experience with the trigger handle, a more convenient operation with the charging cradle and a reduced chance of device drop with the hand strap.

Optional Accessories



Scan Trigger



Charging Cradle

SPECIFICATIONS DT40

PERFORMANCE CHARACTERISTICS

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

PHYSICAL CHARACTERISTICS

Display	4" TFT-LCD 480*800 pixels
Touch panel	Ultra sensitive capacitive touch panel, works with gloves and wet fingers; Corning Gorilla Glass; Multi-touch
Dimensions (L×W×H)	6.48 in x 2.7in x 0.69in 164.5mm x 68.6mm x 17.5mm
Weight	8.47 oz/240 g(include battery)
Power	Rechargeable 3.8V 4500 mAh Li-Ion battery (Typical Operation time ≥10 hours) fully charges in less than 4 hours
Micro-SD	User-accessible microSD card up to 128GB
SIM	2×Nano-SIM slots
Notification	LED, Speaker, Vibrator
Buttons	Scan button, 0-9 number button, Android standard button, backspace button, TAB button, "." button, switch button, function combination button, custom button F1-F4, power button, volume control button, PTT button, side Scan buttons
Audio	Dual-microphone support with noise cancellation, high quality speaker
Connection	USB Type-C, Pogopin 9 pin, 3.5mm Audio 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(non-condensing)
Drop Specification	Multiple 5ft./1.5m drops on concrete across full operating temperature range per MIL-STD 810G
Tumble Specification	200 3.2ft./1.0m tumbles; meets and exceeds IEC specifications
Thermal Shock	-40°C~70°C(-40°F~158°F) rapid transition
Sealing	IP67/IP65
ESD	±15kV air discharge; ±8kV direct discharge

DATA CAPTURE

Scanning	1D Laser or 1D/2D imager
Camera	Front-2MP Rear-13MP auto-focus camera with flash LED
NFC	ISO14443 Type A and B; Mifare/FeliCa and ISO15693 cards; Reader mode, P2P mode and Card Emulation

WIRELESS WAN DATA AND VOICE COMMUNICATIONS

Radio Frequency Band	TD-LTE(B40),FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B28A/B28B),WCDMA(B1/B2/B4/B5/B8),GSM/EDGE/GPRS(850/900/1800/1900MHz)
GPS	Concurrent GPS; GLONASS; Gallileo; BeiDou, and A-GPS
Vo-LTE	Support Vo-LTE HD video & voice call

WIRELESS LAN

Radio	IEEE802.11a/b/g/n/ac/d/e/h/i/k/r/v/w;IPv4,IPv6
Data Rates	5GHz:802.11a/n/ac-----up to 433Mbps 2.4GHz:802.11b/g/n-----up to 150Mbps
Operating Channels	2.4G: 1-13 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 (Depend on regulatory rules & certification agency)
Security and Encryption	WEP,WPA/WPA2-PSK(TKIP and AES),WAPI-PSK,EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA
Fast Roaming	PMKID caching,802.11r,OKC

WIRELESS PAN

Bluetooth	BT4.2+BR/EDR+BLE
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INTERACTIVE SENSOR

Sensor	Acceleration sensor, light sensor, proximity sensor
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