

# RT40

## INDUSTRIAL MOBILE COMPUTER

- Industrial grade condensation hardware. Equipped with heater of LCD/scan engine . Your cold chain solution.
- Hot-swap battery design, exchanges exhausted battery without reboot. Increase your efficiency.
- Qualcomm Octa-core 1.8GHz high-efficiency processor and cutting-edge Android Q operating system, gives you unparalleled performance.
- 38 keys island-style keyboard + 4” giant touch screen, intuitive operation reaction, accurate even with glove hands.
- Built-in industrial-leading scanner engine, captures 1D/2D barcodes on screen and paper even if they are contaminated , wrinkled or distorted. 15m long-range scanner engine is optional.



IP67 Waterproof  
1.8m Drop Resistance



Seamless WiFi Roaming  
4G Communication



13M Pixel  
AF Camera



4" Touch Screen  
Corning Gorilla glass



Working Temperature  
-25°C~+50°C



U-HOME  
Mobile Device  
Management Tool Kit

# Specification RT40

## Basic parameter

|         |                           |
|---------|---------------------------|
| CPU     | Qualcomm Octa-core 1.8GHz |
| Storage | 4GB RAM/ 64GB ROM         |
| OS      | Android Q (10)            |

## Basic specification

|              |   |
|--------------|---|
| Screen       | 4 inch 480*800 pixel  |
| Dimension    | 199 x 58(handle) x29(thinnest) mm<br>(78.34 x 22.83 x 11.41 in)   |
| Weight       | 425g  |
| Main battery | 3.85V 5,200mAh Support battery swap   |
| Extension    | microSD card, Max.128GB extension   |
| SIM          | Nano SIM*1, PSAM*1  |
| Buttons      | 38 keys isolation keyboard, support wake up<br>(PWR key, front scan key, side scan key, PTT key)              |
| Voice        | Earpiece, speaker, microphone   |
| Sensor       | Light sensor, proximity sensor, Accelerometer<br>(optional), e-compress (optional), gyro<br>sensor (optional) |

## Environment

|                     |   |
|---------------------|---|
| Working temperature | -20° C ~ +50° C (cold chain version -25° C ~ +50° C<br>(-4° F ~ +122° F (cold chain version -13° F ~ +122° F) |
| Storage temperature | -40° C ~ +70° C (-40° F ~ +158° F)  |
| Humidity            | 5% ~ 95% RH (non-condensing)  |
| Drop test           | 1.8M flat concrete  |
| Tumble test         | 1000 times 1m   |
| Sealing             | IP67  |
| ESD                 | ±15kV air, ±8kV direct  |

## DATA CAPTURE

|          |   |
|----------|---|
| Scanning | High-performance scanner engine, 1D/2D barcode and screen barcode scan supported                        |
| Camera   | Rear-13MP auto-focus camera with flash LED  |
| NFC      | ISO14443 Type A and B;<br>Mifare/FeliCa and ISO15693 cards;<br>Reader mode, P2P mode and Card Emulation |

## WIRELESS WAN DATA AND VOICE COMMUNICATIONS

|                      |  |
|----------------------|--|
| Radio Frequency Band | TD-LTE(B34/B38/B39/B40/B41)<br>FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/<br>B19/B20/B25/B26/ B28A/B28B/B66)<br>WCDMA(B1/B2/B4/B5/B8)<br>GSM/EDGE/GPRS(850/900/1800/1900)<br>TD-SCDMA(B34/B39)<br>CDMA2000 1x EV-DO Rev.A BC0 (800MHz)<br>CDMA 1x<br>GSM/EDGE/GPRS(850/900/1800/1900) |
| GNSS                 | GPS(A-GPS), Beidou, Glonass, Galileo   |
| VoLTE                | Support Vo-LTE HD video & voice call   |

## WIRELESS LAN

|                         |   |
|-------------------------|---|
| Radio                   | IEEE 802.11a/b/g/n/ac (2.4G/5G WIFI)  |
| Operating Channels      | 2.4G: CH1~CH13<br>5G: CH34-CH140, CH149~CH165   |
| Security and Encryption | WEP, WPA/WPA2-PSK(TKIP and AES), EAP-TLS,<br>EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-<br>GTC, PWD, SIM, AKA |
| Fast Roaming            | PMKID caching, 802.11r, OKC   |

## WIRELESS PAN

|           |                  |
|-----------|------------------|
| Bluetooth | BT5.0+BR/EDR+BLE |
|-----------|------------------|

## Optional Accessories



Pistol grip version



Single Cradle



Hand Strap



Multi-Functional Cradle

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