



RC40

# Enterprise Mobile Computer

Today's mobile workplace requires a partner to bring you tailored solutions that solve both your hardware and telecommunications needs. With our decades of experience in 5G and mobile hardware, we accelerate your business and help you evolve, from smart warehouses to today's data-driven retail environments. And our legacy as a manufacturer means we can deliver the latest technology in dependable products like our new RC40.

The Askey RC40 Enterprise Mobile Computer features the latest in processing power, seamless connectivity and data collection to outsmart your competition without having to outspend them. A pocket-friendly design conceals a drop-proof, water-proof, tumble-proof and dust-proof rugged form factor capable of meeting any size business challenge. Run your business with a next-generation Qualcomm® processor, 5G, Wi-Fi 6E, CBRS and private 5G networks, a large 6" display you can see indoors and outside, a choice of integrated scan engines that offer fast first-time capture of barcodes in any condition, from a few inches to the top warehouse shelf, field changeable battery power for uninterrupted work, Android support through Android 18 and accessories that improve productivity of every task. Packed with essential features your business demands, delivering the smartphone style your team craves, all within reach at an affordable price point.

**The Askey RC40 is the affordable rugged high performance mobile computer alternative.**

For more information, please visit [RC40](#)

Wi-Fi 6/6E | 5G | Enterprise Rugged



## Hardware

- Dimension:  
169 x 78 x 14.7 (LxWxD, mm)  
(6.6 in x 3.1 in x 0.58 in)
- Weight:  
280 g (9.87 oz) w/ battery
- Display Size:  
6" Full HD TFT-LCD, LED backlit,  
600 Nits
- Touch Panel:  
Capacitive Corning Gorilla®  
Glass with Wet finger/glove support
- Power:  
User removable Li-ion 5000 mAh  
battery (18.5 Wh), support QC4.0  
with fully charge needs less than  
3 hours, warm swap
- I/O Ports:
  - Type C USB 3.1/USB QC4.0
  - 2 pin charging pad
  - 8 pin expansion port
  - 1 nano SIM, 1 eSIM
  - 1 user accessible MicroSD card slot  
supports up to 1 TB
- Notifications:
  - Audible tone
  - Multi-color LEDs
  - vibration
- Audio:
  - Two microphones with noise  
cancellation
  - Bluetooth wireless headset support
  - High quality speaker phone
  - PTT USB-C headset support
  - HD Voice, including Super-wideband  
(SWB), Wideband (WB) and  
Fullband (FB)
  - VoLTE and VoNR support
- Buttons:
  - Dual dedicated scan buttons
  - Programmable button for PTT or  
other use
  - Volume up/down
  - Power

## System

- CPU:  
Qualcomm® QCM4490  
Kryo™ Octa-core Processor @2.4GHz
- Operating System:  
Upgradable through Android® 18
- Memory:  
8 GB DDR4x RAM/128 GB UFS Flash

## Environmental

- Operating Temperature:  
-20°C ~ +50°C/-4°F ~ +122°F
- Storage Temperature:  
-40°C ~ +70°C/-40°F ~ +158°F
- Humidity:  
5% to 95% (non-condensing)
- Drop:  
Multiple 6 ft./1.8 m drops to  
concrete per MIL-STD-810H
- Sealing:  
IP68 and IP65, with battery per  
applicable IEC 60529
- Tumble:  
1000 tumbles, 1.6 ft./0.5 m
- Electrostatic Discharge:  
+/- 20kVdc (Air) / +/- 10KV (Contact)

## Sensors

- Ambient Light:  
Dynamically adjusts display  
backlight brightness
- Proximity:  
Detect when the user places the  
handset against head during a  
phone call to disable display  
output and touch input
- Motion:  
3-axis accelerometer with MEMS Gyro
- Magnetometer:  
E-compass for direction and  
orientation detection
- Barometer:  
Pressure sensor for altitude locating

## Data Capture

- Scanning:  
Honeywell N5703SR/N6803LR
- Cameras:  
Rear camera 16 MP  
Front camera 8 MP
- NFC:  
ISO 14443 Type A and B  
Sony FeliCa11  
ISO 15693 card

## Certified Application

- GMS/AER (TBD)
- SOTI Certified (Plan to Have)
- StayLinked Ready™

## Wireless Connectivity

- WAN:
  - Certified: GCF-PTCRB
  - 5G Sub 6GHz:  
n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20,  
n25, n26, n28, n29, n30, n38, n40, n41, n48,  
n53, n66, n70, n71, n77, n78, n79
  - 4G LTE:  
Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19,  
20, 25, 26, 28, 29, 30, 32, 38, 39, 40, 41, 42,  
43, 48, 53, 66, 70, 71
  - WCDMA:  
Bands 1,2,4,5,8,19
- Private Network:
  - Supports private networking (LTE/5G)
  - Supports CBRS
  - US (N48/B48)/JP(B42)/EU (N77/N78)
- GPS:  
Support, GPS, GLONASS, QZSS,  
BeiDou and Galileo (A-GPS)
- WLAN:
  - IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax
  - 2x2 MU-MIMO
  - Wi-Fi™ 6E Certified
  - IPv4, IPv6
- WLAN Security:
  - Encryption:  
OPEN, Enhanced Open,  
WEP (40/128), TKIP and AES
  - WPA authentication:  
WPA and WPA2 and WPA3
  - User authentication:  
PSK, EAP-TLS, and PEAP
- WPAN/Bluetooth®:  
Bluetooth® 5.2, BLE 5, Class 2

## Warranty

- 1 year from the date of shipment,  
please visit: [warranty](#)
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Computer Corporation

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