



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.

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-poof 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 with a large 6" display you can see indoors and outside. With a choice of integrated scan engines, it offers fast first-time capture of barcodes in any condition, from a few inches to the top warehouse shelf as well as field changeable battery power for uninterrupted work. Android support through Android 18 and accessories improve productivity of every task. Packed with essential features your business demands, it delivers 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

Android Enterprise Recommended

PLATINUM Top 1% ecovadis Sustainability Rating JUL 2024

Wi Fi 6 CERTIFIED

Hardware

- Dimension:
  169 x 78 x 14.7 (LxWxD, mm)
  (6.6 x 3.1 x 0.58 in)
- Weight:
  299 g (10.55 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 ~ +60°C/-40°F ~ +140°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:
  +/- 15kVdc (Air) / +/- 8KV (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
  1D/2D Standard Range Scan Engine
  1D/2D FlexRange™ Near/Far Scan Engine
- Cameras:
  Rear camera 16 MP
  Front camera 8 MP
- NFC:
  ISO 14443 Type A and B
  Sony FeliCa11
  ISO 15693 card

Certified Application

- Wi-Fi 6E
- GMS certified
- AER Google Silver Partner
- ScaleFusion certified
- StayLinked Ready™
- Advantix SmartSIM™ certified
- 42Gears certified

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
- Askey is a registered trademark of Askey
  Computer Corporation

Android is a trademark or registered
trademark of Google LLC.
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trademarks of Qualcomm Incorporated.
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