

# Qd QUALICA-RD



75

## QUALICA-RD 75

**Android Rugged Terminal  
with integrated printer**



Android



4G



WiFi



Bluetooth



Printer



PSAM



1D Barcode



2D Barcode



NFC



Camera



GPS

**QUALICA-RD 75 PRINTER** On the one hand, it allows real-time data collection and on the other hand, immediate receipt printing thanks to the thermal printer integrated in the terminal itself.

It features dual PSAM card slots, great wireless connectivity options, NFC reading, 1D and 2D barcode scanner.

**2-year warranty.** A combination of tools that make it the perfect solution for mobility purposes in a multitude of sectors.

# Specifications

## Performance

Operating System	Android 11; SafeUEM supported. Committed support for a future upgrade to Android 12, 13, and Android 14 pending feasibility
CPU	Octa-core 2.3GHz
RAM+ROM	3 GB + 32 GB / 4 GB + 64 GB (optional)
Expansion	Supports up to 256GB Micro SD (TF) card

## Communication

WLAN	IEEE802.11 a/b/g/n/ac/d/e/h/i/j/k/r/v/w, 2.4G/5G dual-band, internal antenna
WWAN	2G: GSM850/GSM900/DCS1800/PCS1900
	3G: WCDMA: B1/B2/B4/B5/B8 CDMA2000 EVDO: BCO TD-SCDMA: A/F
	4G: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28A/B28B/B34/B38/B39/B40/B41
Bluetooth	Bluetooth 5.0
GNSS	GPS/AGPS, GLONASS, BeiDou; internal antenna

## Developing Environment

SDK	Qualica-RD Software Development Kit
Language	Java
Tool	Eclipse / Android Studio

## User Environment

Operating Temp.	-4°F to 122°F / -20°C to 50°C
Storage Temp.	-40°F to 158°F / -40°C to 70°C
Humidity	5%RH - 95%RH non condensing
Drop Specification	Multiple 1.5 m / 4.92 ft. drops (at least 20 times) to the concrete across the operating temperature range
ESD	±15KV air discharge, ±6KV conductive discharge
Sealing	IP54

## Physical Characteristics

Dimensions	186.89 x 83.99 x 35.04-49.49 mm
Weight	507 g / 17.88 oz.
Display	5.2" IPS LTPS 1920 x 1080
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Power	Main battery: Li-ion, rechargeable, 8000mAh
Expansion Slot	2 PSAM slots at most (ISO7816 protocol), 1 slot for Nano SIM card, 1 slot for Nano SIM or TF card
Interfaces	USB 2.0 Type-C, OTG
Sensors	Light sensor, proximity sensor, gravity sensor
Notification	Sound, LED indicator
Audio	1 microphone; 1 speaker; receiver
Keypad	1 power key, 2 scan keys, 1 multifunctional key, numeric keyboard
Color	Black + White

## Camera

Camera	13MP Autofocus with flash
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## Thermal Printer

Rate	85 mm/s
Image Size (pixel)	384 dots
Paper Width	58 mm
Paper Diameter	3 cm
Paper Length	5.45 m

## NFC

Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4 cm

## Barcode Scanning (optional)

2D Imager Scanner	Zebra SE4710
2D Symbolologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.



2-year Warranty!



## Accessories



AC Adaptor



USB cable



Thermal paper



Case (Optional)