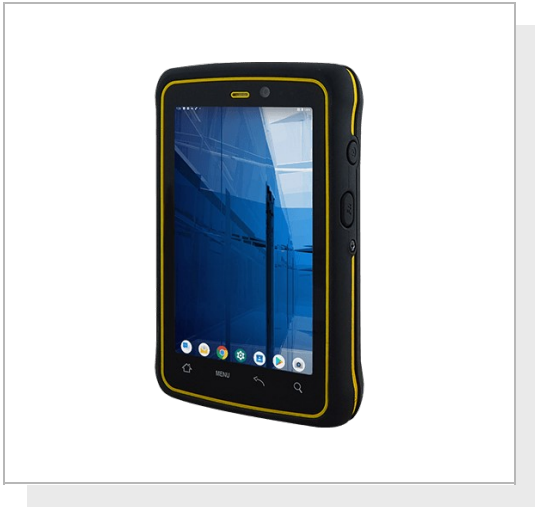# E430RQ8

## 4.3" Qualcomm® Snapdragon™ 660 Rugged handheld PDA



## KEY FEATURES

- Qualcomm® Snapdragon™ 660 (Octa-core 2.2 GHz), Rugged handheld PDA
- 4.3" 800 x 480 Panel with direct optical bonding
- Optional 1D/2D Barcode Reader for data collection
- IP65 waterproof and dustproof
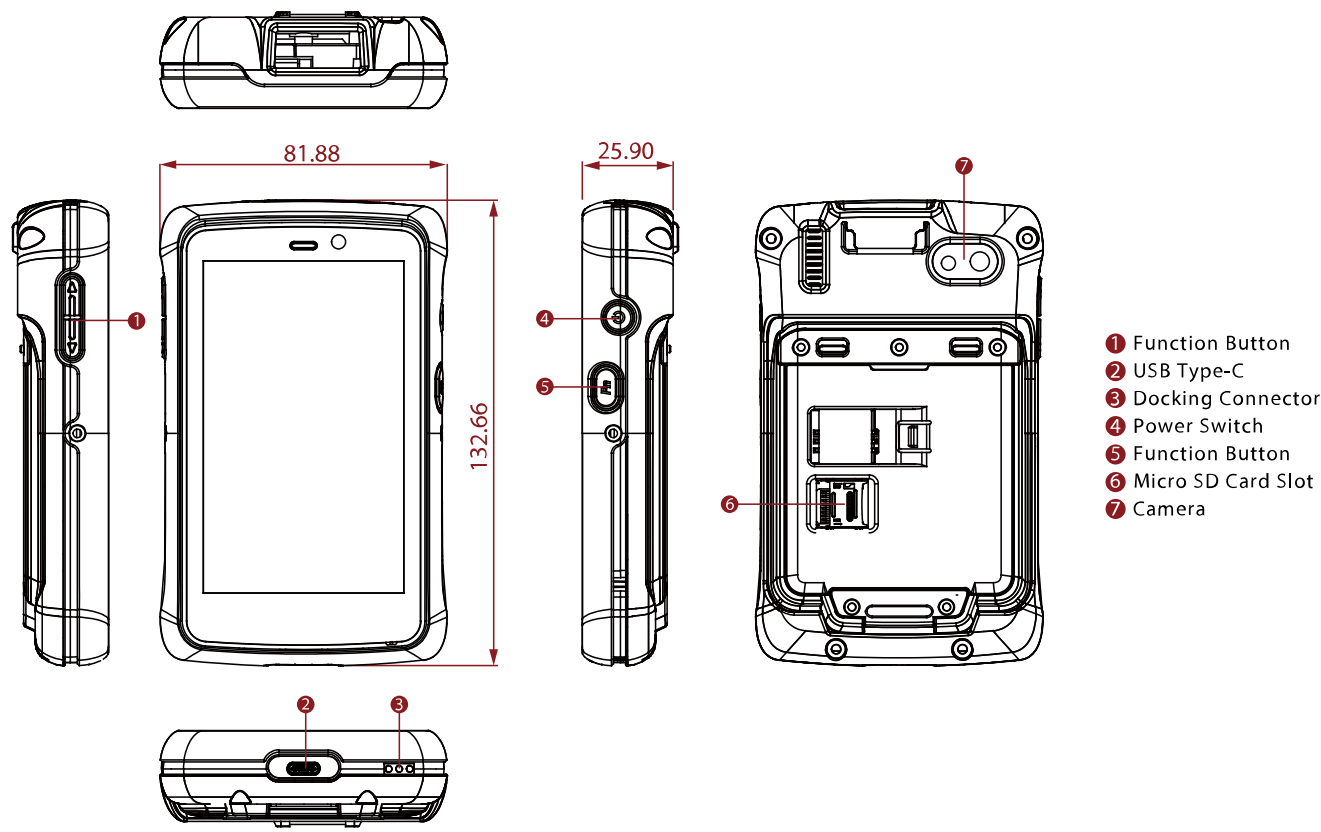- Supports Android 9.0, android pocket computer

CE  FC  IP65  COMPLIANT MIL-STD 810G

## SPECIFICATIONS

### Display

| | | | |
|---|---|---|---|
| **Resolution** | 800x480 | **Size** | 4.3 inches |
| **Contrast Ratio** | 800:1 | **Panel Brightness** | 400 nits |
| **View Angles** | 80,80,80,80 | **Type** | Projected Capacitive Multi Touch |

### System Specification

| | | | |
|---|---|---|---|
| **Processor** | Qualcomm® Snapdragon™ 660 (Octa-Core 2.2 GHz) | **Memory** | 3GB |
| **Storage** | 32GB | **Operating System** | Android 9.0 |
| **WLAN** | Support | **BT** | Support |
| **RFID** | NFC (Read / Write, Peer to Peer mode) (Optional) | **Sensors** | Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors |

### Camera

| | | | |
|---|---|---|---|
| **Front Camera** | 8MP Camera | **Rear Camera** | 13MP Camera with LED Auxiliary Light (Auto Focus) |

### Mechanical

| | | | |
|---|---|---|---|
| **Dimension** | 132.57 x 81.87 x 27.4 mm | **Weight** | 260g |

### IO Ports

| | | | |
|---|---|---|---|
| **USB Port** | 1 x USB 3.0 Type C OTG (support charging) | **SD Card Slot** | 1 x Micro SD Card Slot |
| **Audio** | 1 x Built-in Mic<br>1 x Speaker | **Indicator** | 1 x LED Indicators (Power, Battery) |
| **Docking Connector** | 1 x Docking Connector | | |

### Environment

| | | | |
|---|---|---|---|
| **Operating Humidity** | 5% to 95% RH, Non-Condensing | **Operating Temperature** | -10°C to 50°C (Battery mode) |
| **Storage Temperature** | -30°C to 70°C | **Shock** | MIL-STD-810G Method 516.6 Procedure I |
| **Vibration** | MIL-STD-810G Method 514.6 Procedure I | **IP rating** | IP65 Certified, Waterproof and Dustproof |
| **Drop** | MIL-STD-810G Method 516.6, 5 ft | | |

### Certification

| | |
|---|---|
| **Certification** | CE, FCC |

| Control | |
|---|---|
| **Button** | 1 x Volume +/- , 1 x Power Button, 1 x Function Button, 4 Capacitive Button (1 x Home, 1 x Menu, 1 x Esc, 1 x Search) |

| Power | | | |
|---|---|---|---|
| **Battery** | 3.7V 3900mAh | **Battery Operating Time** | 20Hr |
| **Power Rating** | 5V | **Adapter** | 5V 1A Adapter with USB TypeC |

| Security Function | |
|---|---|
| **SOTI MobiControl** | SOTI MobiControl Compliance |

| Accessory | | | |
|---|---|---|---|
| **Accessory** | Universal Adapter<br>USB Type-C Cable<br>Battery<br>Hand Strap | **Optional Accessory** | Charging Dock 2 bay<br>Charging Dock 6 bay<br>Battery Charging Dock 2 bay<br>Battery Charging Dock 6 bay<br>Vehicle Charging Dock<br>Battery<br>Leather Holster<br>Lanyard<br>Micro SD Card |

| Barcode Scanner | |
|---|---|
| **Barcode Scanner** | 1D/2D Barcode Reader (Optional) |

## DIMENSIONS   UNIT:MM



81.88

25.90

132.66

❶ Function Button
❷ USB Type-C
❸ Docking Connector
❹ Power Switch
❺ Function Button
❻ Micro SD Card Slot
❼ Camera

WINMATE

## NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. SOTI is available upon request.
3. Length measurements do not include protrusions.
4. The drop test with a high-capacity battery must come with a hand strap.
5. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
6. Accessories and Integrated Options may vary depending on your configuration.
7. This is a simplified drawing and some components are not marked in detail.
8. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.