



## EC50 Mobile Computer 2D, Camera, Android, WIFI, BT, GMS, NFC

Introducing the thinnest, lightest Zebra mobile computers yet — the EC50 WiFi and EC55 WiFi/cellular enterprise mobile computers. Designed to be individually assigned, these devices are always at your workers' fingertips, ready to work whether your workers are inside your facility or out in the field. You get the best of all worlds — the great smartphone look and feel workers want in their business device, the durability for all-day everyday business, plus all the business features your workers need to drive personal productivity, collaboration and device value to a new high.

Get wired-style voice and data application performance with the ultra-powerful advanced SD660 octa-core processor, better productivity with a large 5 in. HD screen. The 13 MP color rear camera makes it easy to capture detailed photos and videos to document proof of condition, proof of return and more. The 'work-worthy' design is virtually waterproof, drop-proof and dust-proof. Corning Gorilla® Glass® brings maximum scratch-and-impact resistance to two of the most vulnerable device components — the touchpanel and scanner exit window.



### Key features:

- Elegant design
- The built-in scanner enables the capture of virtually any barcode in any condition
- The ultra-powerful octa-core processor
- Real business durability - IP67
- The purpose-built for work EC50/EC55 is guaranteed to be available for sale for four years
- Enterprise-ready Mobility DNA — the most evolved and extensive suite of software

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# Technical Description

## Functionality & Operation

|                            |                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Wireless communication     | Bluetooth®, NFC, WiFi                                                                                                      |
| Connectors                 | Bottom USB 2.0 OTG - host/client (Type-C), 2 pin back connection                                                           |
| Expansion slot             | Micro SD Card (SDHC)                                                                                                       |
| Memory                     | 3GB /32 GB Flash                                                                                                           |
| Indicators                 | Multi-color LEDs, audible tone, vibration                                                                                  |
| Communication interface    | USB                                                                                                                        |
| 1D Barcode Symbolologies   | All standard one-dimension barcodes                                                                                        |
| 2D Code Symbolologies      | all standard 2D-Codes                                                                                                      |
| CPU Type                   | Qualcomm SD660, 2.2 GHz Octa-core                                                                                          |
| Display type               | 5" HD Corning Gorilla Glass 1280 x 720, s LED podsvícením                                                                  |
| Operating system           | Android                                                                                                                    |
| Audio                      | 1 watt speaker, receiver, PTT, voice support, 3 digital microphones, USB Type-C headset support                            |
| Touch-screen panel         | capacitive multi-touch                                                                                                     |
| WLAN Features              | IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v/w/mc; Wi-Fi™ certified; IPv4, IPv6, 2x2 MU-MIMO; soft AP                                |
| WPAN Features              | Class 2, Bluetooth v5.0, Bluetooth Low Energy (BLE); secondary Bluetooth BLE beacon for finding lost (powered off) devices |
| RFID transponder protocols | MIFARE, ISO 14443 A&B, FeliCa , ISO 15693 and NFC Forum supported cards                                                    |

## Optical

|                  |                                                                                |
|------------------|--------------------------------------------------------------------------------|
| Camera           | 13 MPix, with Autofocus, with LED flash                                        |
| Sensors          | light sensor, gyroscope, proximity sensor, accelerometer , e-Compass EC55 only |
| Bar code scanner | 2D Imager SE4100                                                               |

## Electrical

|                   |          |
|-------------------|----------|
| Main battery pack | 3060 mAh |
|-------------------|----------|

## Mechanical

|            |                                            |
|------------|--------------------------------------------|
| Dimensions | Width: 76mm, Height: 9.6mm Length: 154.5mm |
| Weight     | 173g                                       |

## Environment

|                       |             |
|-----------------------|-------------|
| Operating temperature | -10 to 50°C |
| Storage temperature   | -40 to 70°C |

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