Athesi
Smartphones & Tablets

IP65 Proof

MT6762 Octacore 2GHz

4GB RAM 64GB ROM

**5,5" HD** Display

13 MP Rear Camera

5 MP Front Camera

5 200mAh Battery

RFID NFC

**Powered by** Android 13

## Rugged Smartphone

# E550RFID

RFID LF/HF/UHF Mobile Computer, compact or Gun version

## Features

Android 13
4GbRAM, GbFlash
Bluetooth
Wifi, 4GLTE

RFID LF 125kHz - 134kHz
RFID HF 13,56MHz
RFID UHF (compact) Short Range 2m
RFID UHF Long Range 10m

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# Specifications

| | | |
|---|---|---|
| **Platform** | **CPU** | MT6762 Octacore 2GHz |
| | **OS** | Android 13 |
| **Display** | **Size** | 5,5" TFT LCD |
| | **Resolution** | 720X1440 |
| | **Brightness (cd/m²)** | 400 nits |
| **Memory & Storage** | **ROM** | 64Gb |
| | **RAM** | 4GB |
| | **Expandable memory** | 1 TF card (256Gb extension) |
| **Camera** | **Rear camera** | 13MP |
| | **Front camera** | 5MP |
| **Wireless** | **WWAN** | 4GLTE<br>TDD-LTE Band : 38,39,40,41<br>FDD-LTE: 1,2,3,4,5,7,8,12,17,20<br>WCDMA (850/1900/2100MHz)<br>GSM/GPRS/Edge: (850/900/1800/1900MHz) |
| | **WLAN** | Wifi a/b/g/n/ac 2,4GHz/5GHz |
| | **GNSS** | GPS, Beidou, GLONASS, Galileo, SBAS |
| **Sensor & data collection** | **Barcode Reader** | N5703 Honeywell 2D CMOS Imager |
| | **RFID/NFC** | LF 125KHz/134KHz (FDX-B/HDX) - ISO 11784&11785 - 2cm to 10 cm<br>HF 13,56MHz - ISO 14443A&15693, NFC-IP1 NFC-IP2, 2 cm to 5cm<br>UHF 865-868 MHz or 920-925MHz - EPC C1 GEN2/ISO 18000-6C - Circular Antenna - 3m (compact) / 10m (gun) |
| | **PSAM Security (optional)** | ISO 7816<br>baud rate (9600,19200,38400,43000,56000,57600,115200)<br>2 Slots |
| | **Fingerprint (optional)** | TCS1xx<br>Capacitive Area Sensor<br>508DPI - FRR<0,008%, FAR<0,005%<br>capacity 1000 |
| **Connectors** | **USB** | USB-C (OTG + charging) |
| | **Cradle interface** | USB-C (OTG + charging) |
| | **SIM** | Dual nano SIM |
| **Keys** | **8 keys** | on/off + 2 barcode keys + volume key + 4 function keys |
| **Battery** | **Battery capacity** | 3,8V, 5 200 mAh, 7 200mAh (GUN) Li-Ion Polymer |
| | **Operating** | > 10 hours (average) |
| **Dimension** | **Size** | 170mmx81mmx28mm (compact version) |
| | **Weight** | 400 g (compact) - 500g (Gun) |
| **Rugged** | **IP** | IP65 |
| | **Drop** | 1,5m drop to concrete |
| | **Certificate** | Mil-std-810h |
| | **Temperature** | Operating : - 20°C to 50°C Storage: -20°C to 70°C |
| **Services** | **Warranty extension** | «continuité» warranty extension total 3 years<br>(return workshops, repair within 10 working days upon receipt of the material - without breakages) |
| | **Full Service contract** | «confort» full service contract 3 years<br>(return workshops, repair within 5 working days upon receipt of the material - without breakages) |

# Accessories

The E550 RFID box include the E550 RFID smartphone, a power supply, a USB-C cable, a wrist strap and a protective screen already installed.

## Single charging cradle

**for E550 compact :**
**AT-CAE550RFID01**

**for E550 GUN :**
**AT-CAE550RFID02**

## Spare Battery

**Pack 5200mA for E550 compact :**
**AT-CAE550RFID03**

**Pack 7200mA for E550 gun :**
**AT-CAE550RFID04**

## Cigarette light Adapter

**3760310040031**

## Wrist Strap

**AT-CAE504**