



# EA502

## 5" Rugged Android Computer



The unitech EA502 (Android 7.1) is a rugged 5" mobile enterprise computer combining strong features with powerful data collection. The EA502 provides convenient connectivity, reading capabilities and enhances the service level for a variety of vertical applications within the retail, hospitality and field service sectors.

### Compact Design, Rugged Format

Powered by the steady Android 7.1 operating system, EA502 is one of the most flexible mobile computer with a weight of only 210g. It's easy to carry around for a variety of vertical applications within the retail, hospitality and field service sectors.

### High Resolution Camera for workforce

Equipped with an 13MP rear camera with autofocus and LED flash and a 5MP front camera, the EA502 is ideal for capturing digital evidence for proof-of-delivery.

### 1.5M Drop specification

Designed to survive in harsh environments, this enterprise mobile computer is rugged enough to drop from 1.5 meters onto concrete. The EA502 is highly reliable to meet the needs of a wide range of mobile workforce applications.

### IP67 Rugged Protection

Engineered with industrial grade materials, the EA502 is available to survive through the harsh environments with its IP67 waterproof and dustproof rating.

### 2D Scanning Capability

Featuring high performance 2D imager, it ensures read reliability for mobile phone screens and paper in any orientation. The EA502 gives your workforce the technology it needs to take your business to the next level.

### Built in NFC RFID Reader/Writer

The EA502 features an NFC reader and writer that allows users to log in the terminal with private identification card.

### Equipping with Rugged POGO PIN & USB Type-C

The pogo-pin design protects the handheld from the wear and tear of frequent charging and docking. The EA502 also comes with a USB Type-C cable for data transforming.

### High Capacity 3800mAh Rechargeable Battery

The highlight of this mobile computer is its huge 3800 mAh recharge-able battery, which provides tons of power even with aggressive usage.

### Features

- All-in-one function: 2D Imager, HF/NFC and 13MP camera
- Industrial grade: 1.4GHz Quad-Core processor with Android 7.1 OS
- Suitable for any mobile worker: 3G / 4G LTE, Dual-Band 802.11 a/ b/g/n/ac WiFi, GPS and Bluetooth® 4.2
- Rechargeable 3800mAh battery
- 5" HD display. Ultra sensitive capacitive touch screen (compatible with gloves and supports wet resistance)
- Rugged: Corning® Gorilla Glass® 3, IP67 rated, and 5-foot drop specification
- Dual Scanning Buttons (left and right side) and programmable key
- Device supported versatile: SOTI, AirWatch, 42Gears, 12Manage, and MoboLink



### Communication

USB	USB Type C
OTG	Yes, over USB Type C
POGO PIN	Charging via cradle and USB client
WLAN	802.11 a/b/g/n/ac
Bluetooth®	Bluetooth® 4.2
WWAN	EU 4G FDD-LTE(B1, B2, B3, B7, B8, B20, B28A, B28B) 3G UMTS/HSDPA/HSPA/HSPA+ ( 900, 1900,2100MHz )
	US 4G FDD-LTE B1,B2,B4,B7,B5,B20,B28A,B28B 3G UMTS/HSDPA/HSPA/HSPA+ ( 850,1900, 2100MHz ) 2G GSM/EDGE/GPRS( 850,1900 )
	CN 4G FDD LTE B1, B3& TDD B38,39,40,41 3G UMTS/HSDPA/HSPA/HSPA+ ( 900,2100 MHz ) CDMA EV-DO Rev.A (800MHz), Band 34, 39
GPS	GPS, AGPS, GLONASS
Sensors	Proximity sensor, light sensor and G-sensor E-compass, gyroscope, and height meter

### Operation System

CPU	1.4GHz, Qualcomm 8917 Quad core processor
Memory	2GB DDR RAM 16GB ROM
OS	Android 7.1
Languages	Multi-language
Others	Input Chinese/ English, supports handwriting and soft keyboard.

### Display

5.0 inch TFT-LCD HD (720 x 1280) color screen, Gorilla Glass 3. Ultra sensitive capacitive touch screen, compatible with gloves and supports wet resistance.

### Buttons

Side SCAN button x 2 (Left / Right), User-defined function button (programmable key), Volume switch button (+ / -), ON / OFF button.

### Camera/Photos/Video

2MP front camera  
13MP rear camera with LED flash and auto-focus function

### Symbologies

**2D Imager (N6603)**  
1D/2D All major 1D and 2D codes

### RFID

HF/NFC Frequency 13.56Mhz  
Support: ISO14443A/B, ISO15693 standard,  
Supports NFC

### Device supported MDM

SOTI, AirWatch, 42Gears, 12Manage and MoboLink

### Regulatory Approvals

CE, RED, NCC, CCC, VCCI, FCC

### Accessories

Single slot USB cradle

### Indicator

LEDs, Vibrator

### Audio

Microphone, speaker and 3.5mm audio jack

### Expansion Slot

Micro SD/TF x 1(maximum of 32 GB), Micro SIM x 2

### Enclosure

Dimension 158 mm x 76.2 mm x 11.5 mm  
Weight 210g

### Environmental

Operating temperature -10°C to +50°C  
Storage temperature -20°C to +70°C  
Charging Temperature 0°C to 40°C  
Relative Humidity 5% ~ 95% (non-condensing)  
Drop Specification 1.5m to concrete  
Sealing IP67

### Power Source

Main battery Rechargeable and Changeable ( Non-swappable )  
3.8V 4000mAh (typical) / 3.8V 3800mAh (minimum)  
Operation time 10-12 hours (depending on the specific environment)  
RTC battery Real time clock battery

### Warranty

1 Year Terminal and cradle / 3 months battery.

### What comes in the box

EA502 Terminal, USB Cable (Type C),  
Power adapter(US or EU or TW or UK)

### Optional accessory terminal charging

-Single slot charging cradle  
-6-slot terminal charging cradle  
-Pistol-grip  
-Charging cradle for pistol-grip  
-Protection case + hand-strap  
-Vehicle cradle



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