



# EA500Plus

## 5" Rugged Android Computer



The unitech EA500Plus (Android 8) is a rugged 5" mobile enterprise computer combining strong features with powerful data collection. The EA500Plus 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 8 operating system, EA500Plus 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 2MP front camera, the EA500Plus 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 EA500Plus is highly reliable to meet the needs of a wide range of bile workforce applications.

### 2D Scanning Capability

Featuring superior 1D and 2D barcode reading performance, it ensures read reliability for mobile phone screens and paper in any orientation. The EA500Plus gives your workforce the technology it needs to take your business to the next level.

### Built in NFC RFID Reader/Writer

The EA500Plus 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 EA500Plus also comes with a USB Type-C cable for data transforming.

### Optional 3D measurement module

The 3D measurement module can acquire high-resolution, high-precision, low-latency deep Depth and RGB video streams in real time, and generate 3D images to measure the volume of various boxes and assist logistics companies in intelligent logistics management, transportation and so on.

### Features

- All-in-one function: 2D Imager, HF/NFC and 13MP camera
- Android 8 OS with GMS, Google Enterprise Device certified
- Suitable for any mobile worker: 3G / 4G LTE, Dual-Band 802.11 a/ b/g/n/ac WiFi, GPS and Bluetooth® 4.2 low energy
- 5" HD display. Ultra sensitive capacitive touch screen (compatible with gloves and supports wet resistance)
- Rugged: Corning® Gorilla Glass® 3, IP65 rated, and 5-foot drop specification
- Dual Scanning Buttons (left and right side) and programmable key
- Device supported versatile: SOTI, AirWatch, 42Gears, and MoboLink



### Operation System

|           |   |
|-----------|---|
| CPU       | 1.4GHz, Qualcomm 8940 octa core processor                       |
| Memory    | RAM 2GB/4GB optional<br>ROM 16GB/64GB optional                  |
| OS        | Android 8 with GMS<br>Google Enterprise Device certified        |
| 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

5 keys- Programmable function button; dual dedicated scan buttons; volume up/down buttons; on/off button

### Camera/Photos/Video

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

### Symbologies

#### 2D Imager

Support all major 1D and 2D barcodes

#### RFID

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

### Device supported MDM

SOTI, AirWatch, 42Gears and MoboLink

### Regulatory Approvals

CE, RED, NCC, BSMI, CCC, VCCI, FCC

### Warranty

1 Year Terminal and cradle  
3 months battery.



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### Communication

|            |   |
|------------|---|
| USB        | USB Type C  |
| OTG        | Yes, over USB Type C  |
| POGO PIN   | Charging via cradle and USB client  |
| WLAN       | IEEE 802.11a/b/g/n/ac/d/e/f/h/i/k/r/v   |
| Bluetooth® | Bluetooth® 4.2  |
| WWAN       | 4G :<br>FDD-LTE (B1/B2/B3/B4/B5/B7/B8/B20/B28A/B28B)<br>3G :<br>WCDMA(B1/B2/B5/B8) =(2100, 1900,850, 900 MHz)<br>2G :<br>GSM/EDGE/GPRS (850, 900, 1800, 1900 MHz) |
| GPS        | GPS, BeiDou, GLONASS  |
| Sensors    | Proximity sensor, light sensor and G-sensor<br>E-compass, gyroscope, and height meter   |

### Audio

Microphone, speaker and 3.5mm audio jack

### Expansion Slot

Micro SD/TF x 1(maximum of 128 GB), Micro SIM x 2

### Enclosure

Dimension 155.8 mm x 76.2 mm x 13.5 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               | IP65                      |

### Power Source

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

### Accessories

USB type C cable/ adaptor  
Charging cradle  
Gun grip  
Cradle for EA500Plus with gun grip  
3D measurement module  
Glass Screen protector

### Indicator

LEDs, Vibrator

### 3D measurement module

Working distance : 0.3m~3m  
Laser wavelength : 940nm  
Depth data resolution : 640\*400@30fps  
Precision : 3%  
Measuring object volume : 1 cubic meter regular box  
\*Only used with 4GB/64GB version



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# EA500Plus

## Software Solution

# Introduction

It's time to make the most of your unitech hardware. Experience a host of software solutions tailored for the needs of your enterprise.

Whether it's managing a deployment of unitech handholds in the field or using a 3rd party app to unite all of your devices, Unitech can help you get more out of your investment. The possibilities are endless.

unitech also offers customized solutions and software for business needs. Please contact us for more information.



### Solutions



Connect your devices to the unitech handcrafted enterprise-ready IoT Platform solution for easy remote device management and data collection. A selection of MDM RESTful APIs are also available for integration with your other business systems.

### Management



#### StageGO

Device staging utility that allows you to configure devices by just a few simple barcode scans.



#### Enterprise Launcher

Kiosk and lock down your devices by restricting access to only the selected applications, settings, and the Safe Mode.



#### Over-the-air Updates

Software updates over-the-air at your fingertips, built-in tools for you to check OS and unitech software updates.

### Compliant APPs

**SOTI**

**TeamViewer**

**42GEARS**

**vmware airwatch**

### Configurations



#### Enterprise configuration

View and manage enterprise configurations such as disabling welcome page, apps auto-run, advanced WiFi and battery info.



#### Scanner Configurations

Configure all scanner settings with friendly user interface and enable the service to make scanning data as keypad input.



#### Programmable Keys

Provide an easy way to re-define the key function of each Android keypads or to launch an app.



#### Unitech APIs

APIs for your apps to interface with the device configurations and MDM features such as Silent OS Update, Programmable Keys and Scanner Configurations.

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