EA500 Plus

5″ Rugged Android Computer

The unitech EA500 Plus (Android 8.1) is a rugged 5″ mobile enterprise computer combining strong features with powerful data collection. The EA500 Plus 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 8.1 operating system, EA500 Plus 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 EA500 Plus 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 EA500 Plus 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 EA500 Plus gives your workforce the technology it needs to take your business to the next level.

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 EA500 Plus also comes with a USB Type-C cable for data transforming.

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.

Features

- All-in-one function: 2D Imager, HF/NFC and 13MP camera
- Android 8.1 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

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EA500 Plus
Specifications

Operation System
CPU	1.4GHz, Qualcomm 8940 octa core processor
Memory	RAM 2GB/4GB optional
	ROM 16GB/64GB optional
OS	Android 8.1 with GMS
	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.

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 :
	FDD-LTE (B1/B2/B3/B4/B5/B7/B8/B20/B28A/B28B)
	3G :
	WCDMA(B1/B2/B5/B8) =(2100, 1900,850, 900 MHz)
	2G :
	GSM/EDGE/GPRS (850, 900, 1800, 1900 MHz)
GPS	GPS, BeiDou, GLONASS
Sensors	Proximity sensor, light sensor and G-sensor 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) 3.8V 4000mAh (typical) / 3.8V 3800mAh (minimum)
Operation time	10-12 hours (depending on the specific environment)
RTC battery	Real time clock battery

Indicator
LEDs, Vibrator

Accessories
USB type C cable
Adaptor with US/EU/UK plugs
Charging cradle
Gun grip
Cradle for EA500Plus with gun grip
Glass Screen protector

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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 handhelds 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

MoboLink
Hyperlink to your mobile devices

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.