EA500

5″ Rugged Android Computer

The unitech EA500 (Android 7.1) is a rugged 5″ mobile enterprise computer combining strong features with powerful data collection. The EA500 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, EA500 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 8MP rear camera with autofocus and LED flash and a 5MP front camera, the EA500 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 is highly reliable to meet the needs of a wide range of mobile workforce applications.

IP67 Rugged Protection

Engineered with industrial grade materials, the EA500 is available to survive through the harsh environments with its IP67 waterproof and dustproof rating.

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 gives your workforce the technology it needs to take your business to the next level.

Built in NFC RFID Reader/Writer

The EA500 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 EA500 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 8MP 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, 12Manage, and MoboLink

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EA500
Specifications

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
8MP rear camera with LED flash and auto-focus function

Symbologies

2D Imager

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,
12Manage, MoboLink

Indicator

LEDs, Vibrator

Regulatory Approvals

CE, RED, NCC, CCC, VCCI, FCC

Accessories

Glass Screen Protector
Protective case with handstrap
Gun Grip

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

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

The standard package contents:
EA500 Terminal, USB Cable (Type C), Single Slot Charging Cradle, Power adapter (US or EU or TW or UK)
The basic package contents without the cradle:
EA500 Terminal, USB Cable (Type C),
Power adapter(US or EU or TW or UK)

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