EA300

4" Rugged, compact and lightweight **Android** Computer with **keypad**.

The Unitech EA300 (Android 5.1) is a rugged 4" mobile enterprise computer combining wireless communication and performance to provide powerful data collection. The EA300 offers a host of data collection options to enhance the service level for a variety of vertical applications such as retail, inventory management, asset tracking, light warehousing.

Powerful Android terminal data entry and collection
The EA300 is designed with "intensive data entry a data collection" in mind. This device has a 4" TFT-LCD HD touch screen and features an integrated 17-key keypad (incl. alpha/numeric, scan keys and special characters) as well as dual scanning buttons (left and right side) for convenient barcode capturing.

In addition the EA300 offers an integrated 2D imager, GPS, 5.0 MP camera, HF/NFC RFID reader/writer to complete your data collection requirements. This device offers everything you'll need.

All-in-one Functionality
Equipped with an 1.2GHz Quad-Core processor and running on the Android 5.1 operating system, making this device suitable for data-intensive applications in highly mobile environments. Mobile workers can easily accelerate their workflow as this device is equipped with a 2GB RAM, 16GB ROM and supports an additional microSD expansion (up to 32GB storage capacity).

Holding a 3800mAh removable battery the EA300 provides continuous usage time without needing to worry about running out of juice. Enjoy the fastest data speeds out there with the integrated Bluetooth 4.0, Dual-band 802.11 a/b/g/n WiFi and 4G LTE connectivity. This device is truly an excellent mobility device and offers job improvement and efficiency at a competitive price!

Rugged design
Capable to withstand multiple 1.5m drops to concrete and IP65 rated against water and dust, makes this EA300 a rugged device. Equipped with a POGO PIN (for quick and non-intrusive charging) it will prolong life span and durability.

Combining touch screen and keypad.
The 4" EA300 features a keypad, 2D imager, 4G LTE, Dual-band WiFi and **comes standard with charging cradle, hand-strap, power adapter and USB-cable!**

Main features
- All-in-one box; EA300 comes with USB cradle and power supply.
- All-in-one function: Keypad, 2D Imager, HF/NFC and 8MP Camera.
- Industrial grade: 1.2GHz Quad-Core processor with Android 5.1 OS
- Suitable for any mobile worker: 4G / LTE, Dual-Band 802.11 a/b/g/n WiFi, GPS and Bluetooth 4.0 HS slow energy.
- Rechargeable and swappable 3800mAh battery.
- 4" HD display touch screen and 17-key keypad.
- Rugged: Gorilla Glass 3, IP65 rated and 1.5m drop specification.
- Dual Scanning Buttons (left and right side) and scanning button on keypad.
- Device supported versatile: SOTI, 12Manage.
- Optional additional UnitCare 2.0 coverage available.

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V1.0 EA300
Specifications

Operation System

CPU	1.2GHz, Qualcomm 8916 Quad-Core
Memory	2GB DDR RAM 16GB ROM
OS	Android 5.1 Enhanced security by preventing 3rd party data collection.
Languages	Multi-language

Display
4" Gorilla Glass 3 touch screen. TFT-LCD HD (480 x 800) color.

Buttons

Front:	17 physical keys including Alpha/numeric, scan keys and special characters.
Side:	SCAN button x 2 (Left / Right), User-defined function button (programmable key), Volume switch button (+ / -), ON / OFF button.

Camera/Photos/Video
5MP rear camera with LED flash and auto-focus function

Indicator
LEDs, Vibrator

Symbologies

2D CMOS Imager (Honeywell N6603)

1D/2D	All major 1D and 2D codes

RFID

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

Communication

USB	Micro USB
OTG	Yes, over Micro USB
POGO PIN	Charging via cradle and USB client
WLAN	802.11 a/b/g/n
Bluetooth	Bluetooth 4.0 HS low energy
WWAN	4G TDD/FDD/UMTS/EV-DO/GSM TDD-LTE (B38/B39/B40/B41) FDD-LTE (B1/B3)
GPS	GPS, AGPS, Glonass
Sensors	Proximity sensor, light sensor and G-sensor

Power Source

Main battery	Rechargeable and swappable **(Easy Swap)** 3.8 V, 3800mAh Polymer Li-ION pack.
Operation time	10-12 hours (depending on the specific environment)
RTC battery	Real time clock battery

Audio
Microphone, speaker and 3.5mm audio jack

Expansion Slot
Micro SD/TF x 1(maximum of 32 GB), Micro SIM x 1, SAM x 1

Enclosure

Dimension	152 mm x 78 mm x 30 mm
Weight	310g

Environmental

Operating temperature	-10°C to +50°C
Storage temperature	–20°C to +60°C
Charging Temperature	0°C to 40°C
Relative Humidity	5% ~ 95% (non-condensing)
Drop Specification	1.5m to concrete
Sealing	IP65

Accessories
Single slot USB cradle
Power adapter
USB-cable
3800mAH Li-ON Battery pack

EA300 1-Slot Charging USB Cradle
1-slot USB cradle with spare battery* charging compartment.

Input:	AC 100V~240V,1A Max,50/60Hz
Output:	DC 5.5V,2.6A
Led:	Power and Status

*NOTE: Second battery not included.

Regulatory Approvals
CE, RED

Device supported MDM
SOTI, 12Manage

Warranty
1 Year Terminal and cradle / 3 months battery.

Unitech's service program
UnitCare 2.0 offers customers a high level of security by a reliable, high-quality and effective program for getting your devices serviced quickly. It also drives the hidden costs out of your installations. UnitCare goes beyond the standard warranty with a complete service offer for different need. **More information: unitcare.unitech.eu**.

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