



EA300

4" Rugged Android Computer



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 and 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" TFTLCD 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 a 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 1.2m drops to concrete and IP64 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.

Features

- All-in-one function: Keypad, 2D Imager, HF/NFC and 5MP 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, IP64 rated and 1.2m drop specification.
- Dual Scanning Buttons (left and right side) and scanning button on keypad.
- Device supported versatile: SOTI, 12Manage, and MoboLink.



Operation System

CPU	Qualcomm MSM8916 1.2GHz, Quad-core 64bits Processor
Memory	2GB DDR RAM 16GB ROM
OS	Android 5.1 Enhanced security by preventing 3rd party data collection.
Languages	Support Multi-language

Display

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

Keypad

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 Imager (Honeywell N6603)

1D / 2D All major 1D and 2D barcodes

RFID

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

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

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 3.8 V, 3800mAh Polymer Li-ION pack.
Operation time	10-12 hours (depending on the specific environment)
RTC battery	Real time clock battery

Enclosure

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

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	1.2m to concrete
Sealing	IP64

Accessories

Single slot USB cradle

Software

SOTI, 12Manage



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, CCC, NCC, FCC, RoHS compliance



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