



## EA320 PDA with Touch screen and Keypad

4" Rugged **Android 9** PDA with a keypad and **GMS** certified

The EA320 is specially designed with "input-intensive data entry and data collection" in mind. This device has a 4" TFT-LCD (400nits) touch screen and features an integrated 21-key keypad as well as dual scanning buttons (left and right side) for instinctive data entry and barcode capturing that delivers a convenient experience for users

Powered by Android 9 OS with GMS certification, the EA320 industrial PDA has a 4-inch display and 400nits brightness for easy viewing.

The EA320 is equipped with a 1D/ 2D barcode scanner that makes scanning more comfortable and flexible. In addition, the device offers a GPS, an HF/NFC RFID reader/writer, a 13 MP camera to complete your data collection requirements.

Enjoy the fastest data speeds out there with integrated Bluetooth 4.2, advanced WLAN and 4G LTE connectivity, this device also comes with a dual SIM card that delivers the real-time connections to handle daily jobs and empower workforce productivity.

- Android 9 OS with GMS certification
- 4" HD display and 21-key keypad for input-intensive applications
- Data capturing: 2D Imager, HF/NFC (reader/writer) and 13MP Camera
- Support Bluetooth® 4.2, 4G/LTE, GPS
- Support dual-band IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w, fast roaming
- Long-lasting swappable 4500mAh battery
- IP65 rated and 1.5m drop specification

## Professional Accessories

Extend the EA320 for multiple applications

The EA320 delivers a host of new features that evolves the service level for a variety of vertical applications such as warehousing, transportation, logistics, and manufacturing. Perform more efficiently with the professional EA320 accessories.



**SKU:5500-900083G**  
EA320 Trigger Gun grip  
(without battery)

**SKU: 5000-900069G**  
Single Slot Charging Cradle with a  
spare battery charging slot



# EN Version 1.0 EA320 Specifications

## Operation System

CPU	Qualcomm® Snapdragon 450, 1.8GHz Octa core 64-bit Processor
Memory	2GB DDR RAM, 16GB ROM 4GB DDR RAM, 64GB ROM (optional*) *Based on minimum order quantity (MOQ) contact Unitech Europe for MOQ details.
OS	Android 9 with <b>GMS certification</b>
Expansion slot	Micro SD/TF x 1 (maximum of 128 GB) Nano SIM Slot x 2
Languages support	Multi-language

## Display

4" Capacitive type 5 points multi-touch touch screen with Gorilla® 3 Glass, compatible with Capacitive Stylus/ gloves / wet resistance TFT-LCD WVGA (800 x 480) color, Backlight 400nits

## Keypad / Buttons

Side SCAN button x 2 (Left / Right), User-defined function button, Volume switch button (+ / -), ON / OFF buttons

Front 21-key keypad: numeric key x 12, Function key x 4, Backspace, Alpha key, Scan key, Function Switch, Enter key

## Camera/Photos/Video/Audio

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

## Audio

Speaker, Earphone jack

## Indicator

LED, Speaker, Vibrator

## Symbologies

2D imager: Zebra SE4710  
**1D codes:** All major codes  
**2D codes:** Composite Codes, PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse, Maxi code, QR Code, Micro-QR, QR Inverse, Aztec, Aztec Inverse, Han Xin, Han Xin Inverse, Postal Codes, US Postnet, US Planet, UK Postal, Japan Postal, Australian Postal, Netherlands KIX Code  
 ISO14443 (Type A/B), ISO15693, MIFARE, FeliCa, NFC

## HF (RFID)

## Communication

USB  
 OTG  
 POGO PIN  
 WLAN  
 Bluetooth®  
 WWAN  
 GPS  
 NFC  
 Sensors

USB 2.0 (type-C) support USB OTG  
 Yes, over USB Type-C  
 Charging via cradle and USB client  
 IEEE 802.11 a/b/g/n/ac/d/e/h/i/k/r/v/w, IPv6  
**Security of WLAN:** WEP, WPA/WPA2 PSK, 802.1x EAP, WAPI, WAPI-PSK  
**Fast Roaming:** support 802.11r, Roam Trigger, Roam Period, Roam Delta  
 Bluetooth® 4.2, BLE (Bluetooth Low Energy) 10m range  
 LTE TDD (B34/B38/B39/B40/B41)  
 FDD (B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B19/B20/B25/B26/B28/B66)  
 WCDMA (B1/ B2/ B4/ B5/ B8)  
 GSM/EDGE/GPRS (850/ 900/ 1800/ 1900)  
 TD-SCDMA (B34/ B39)  
 CDMA2000 1x EV-DO Rev.A BC0(800MHz)  
 GPS, AGPS, Glonass, BeiDou, Galileo  
 Support ISO14443 (Type A/B), ISO15693, MIFARE, FeliCa  
 Proximity sensor, light sensor & G-sensor



## Power Source

Main Battery 3.8V 4500mAh Li-ion battery  
 Operating time 8-12 hours\*  
 \*Depending on on the specific environment.

## User Environment

Operating Temp. -20 ~ +60°C  
 Storage Temp. -40 ~ 70°C (without battery)  
 Humidity 5% ~ 95% (non-condensing)  
 Drop Specification 1.5m to concrete  
 Sealing IP65

## Safety compliance:

Regulatory: CE, RED, NCC(BSMI), CCC, RoHS, BQB certified.  
 Battery: IEC62133(Battery Pack), UN38.3

## Enclosure:

Dimension 164.5 mm x 68.6 mm x 17.5 mm  
 Weight 294g (with battery and hand strap)

## Inside the box

EA320 device  
 Battery  
 Hand-strap  
 USB-C cable

## Warranty

1 year

## Accessories

Single slot cradle with spare battery charging slot  
 EU power adapter for cradle  
 UK power adapter for cradle  
 USB type C cable  
 EA320 Gun grip  
 EA320 4500mAH Li-ion batty pack



\*EA320 not included



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## Unitech Europe

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