EA510 moving forward
High performance in a compact device

5.7″ screen & compact body
The EA510's vivid display will give you the most exciting visual experience. The 5.7″ sized screen combined with a small body size will give an excellent ergonomic feeling.

Quick charge
Thanks to the Quick Charge 4.0 technology, you will spend less time charging - fully charged within 3 hours.

Fingerprint reader
Instantly unlock the EA510 with a slightest touch. The fingerprint reader is located on the back for easy access.

Removable battery
For the enterprise smartphone, long battery life is essential. The EA510 comes with a swappable 4300mAh battery - long time usage without any concerns.

Professional accessories
Boost the functionality of the EA510 device with Unitech's unique and versatile accessories. From single charging cradle to trigger gun grip to extended 5-slot charging cradles.

Long Range UHF (optional)
EA510 version with integrated long range UHF/RFID reader with reading distance up to 6.5 meters*.

*Reading distance depends on environment, RFID tags and object.

Feature icons:
- 5.7″ 18:9 HD
- ANDROID 9 GMS
- DUAL BAND 2x2 MIMO
- 4G DUAL SIM 4G LTE
- FAST CHARGE 4300mAh
- POGO PIN
- DUAL SIM
- 2D IMAGER
- NFC READER
- BLUETOOTH 5.0
- FINGER PRINT READER
- RFID RFID/UHF OPTIONAL

Enjoying every task - The EA510 is designed to look sleek, feel sleek and work sleek - ALL DAY ROUND!

This enterprise mobile computer offers all great enterprise features but styled into a consumer smartphone design. The EA510 is impressive with its large 5.7″ screen and thin and lighter design. More power-efficient for full-shift usage plus running with the latest Android 9.0 OS.

There is nothing more frustrating than when your device lags in the middle of a task. That's why the EA510 boosts a snappy processor: Qualcomm 660 Octa-core 64bits 2.2 GHz Processor.

The EA510's is a multitasking, responsive and ergonomic device whilst being competitively priced - it's time to move forward.

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Operation System

CPU	Qualcomm 660 Octa-core 64bits 2.2 GHz Processor
Memory	RAM: 4GB DDR4, ROM: 64GB
OS	**Android 9 with GMS** Compatible through R
Card Slot	Micro SD/TF (max. 128GB) + Dual Nano-SIM
Language Support	Multiple languages supported

Display

5.7″ (18:9) TFT-LCD HD colour (720 x 1440 pixels) display
1.1mm thick Corning Gorilla Glass III. Multi-touch and ultra sensitive capacitive touch screen, compatible with gloves and supports wet resistance.

Camera/Photos/Video

Front: 5MP camera
Rear: 16MP camera, Auto Focus, LED flash light

Indicator

LED, speaker and vibration

Audio

Dual-microphone supports with noice cancellation, hight quality speaker, PTT headset support, cellular circuit switch voice, earphone jack.

Communication

Interface	USB Type C (Host/Client) Expansion I/O Pogo Pin
OTG	Yes, over USB Type C
WLAN	2.4G/5G Dual frequency WIFI IEEE 802.11a/b/g/n/ac/d/e/f/h/o/k/r/v/w IPV4, IPV6,

Data rates
5Ghz: 802.11a/n/ac > up to 866.7Mbps
2.4Ghz: 802.11b/g/n/ > up to 300Mbps
Operation channels
2.4Gh: 1-13 (depends on regulatory rules & certification agency
5Ghrz: 36,38,40,42,44,46,48,52,56,60,64,100, 104,108,112,116,120,124,128,132,136,140,149, 153,157,161,165.
Security and encryption
802.1x(EAP): EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA
Encryption: WEP, WPA / WPA2-PSK

MIMO	2x2 MU-MIMO for faster uploading and downloading speeds
Fast roaming	PMKID caching, 802.11r, OKC
Bluetooth	Bluetooth 5.0 + BR/EDR + BLE with up to 240* meters distance (*Depends on environment and application). Increased range and bandwidth Multiple devices connection supported
Vo-LTE	Support Vo-LTE HD video voice call
WWAN 4G LTE	TD-LTE (B34/B38/B39/B40) FDD-LTE (B1/B2/B3/B4/B5/B7/B8/B12/B19/B220/B28A/B28B) WCDMA (B1/B2/B4/B5/B8), TD-SCDMA (B34/B39), CDMA2000 1xEV-DO Rev.A BC0 (800MHz), CDMA 1x GSM/EDGE/GPRS (850/900/1800/1900MHz)
(Optional model)	4G data communication only version is also available (no voice feature).
GPS	GPS; GLONASS; Gallileo; and BeiDou and A-GPS

Other Sensors

Other Sensors	Acceleration sensor, Motion sensor, light sensor,Proximity sensor & Gyroscope.
Vibration	2Hz Random PK sine, 10cm displacement withstands multi-side 5000 vibration tests

Software Support

airwatch by **vmware**   **SOTI**   **Team**Viewer

Buttons

Side SCAN button x 2 (Left / Right), Power button, User-defined function button (programmable key), Volume switch button (+ / -), ON / OFF button, Touch keys x 3 (Home / Back / Recent)

Data capture

Scanning	Scanner (Engine: N6703) Reads all major 1D and 2D codes Supports; multi-reading, Picklist reading, Center decode, OCR function, **DOT code**.
RFID/NFC/Mifare	IFrequency 13.56Mhz (NXP NQ553) ISO 14443 Type A&B; FeliCa/Mifare and ISO 15693; Reader mode P2P mode, Card Emulation mode
RFID/UHF	EPC Gen-2, reading distance up to 6.5m*, integrated. (*Depends on environment, tags and object).

Fingerprint reader

Chip-based sensor	112x88 sensing array Support finger wake-up function One user enrollment per device

Power Source

Main battery	Swappable and rechargeable 3.8V 4300mAh Li-polymer battery pack.
Operation	Typical operation Time 10 hours (depending on the specific environment)
Quick charging	Support QC4.0 with separate power adapter over USB type-C port only
Charging time	<3 hours (supports QC4.0 quick charge)

Enclosure

Weight	250g (with battery)
Dimension	162.6 mm x 76 mm x 13.6 mm

Environmental

Operating temperature	-20˚C to 60˚C
Storage temperature	-40˚C to 70˚C
Charging temperature	0˚C to 45˚C
Relative humidity	5% ~ 95% (non-condensing)
Drop specification	1.5m drop to concrete at room temperature per MIL-STD810G
Tumble specification	1.0m tumbles
Terminal Shock	-40˚C to 70˚C rapid transition
Sealing	IP67
ESD	±15kV air discharge ±8kV direct discharge
Tumble	1.0m tumble for 200 cycles and 400 times

Regulatory Approvals

CE, RED, RoHS, BQB

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