EA500
Rugged Mobile Computer

With a slim form factor and a small price tag, the EA500 mobile computer is a rugged work mate for everyday scanning because ot its light, ergonomic design and dual scan buttons for comfortable, speedy scanning. A powerful force on the field or in the office, the EA500 improves data collection in retail, hospitality, event ticketing, and field service verticals.

Compact, Rugged Design
At roughly the size of a new smartphone, the EA500's sleek design fits easily in your pocket or hand and is rugged enough for the toughest tasks.

High Resolution Camera
An 8MP rear camera and 2MP front camera ensures you get the right shot and facilitates a more accurate proof of delivery.

Environmental Protection
Drops, falls, water spills, and dirt are no sweat for the EA500 which is fortified with an IP67 environmental seal and 5-foot drop rating.

Multiple Connectivity
With a built -in NFC reader and writer, 3G/4G LTE, dual band antenna, GPS, and WiFi, the EA500 keeps you connected wherever you are.

Fast Charging
The EA500 features a USB type C connector which gives you faster charging and a pogo pin connector on the charging cradle reduces wear and tear to your device.

Main Features:

- Slim smartphone design
- All-in-one box with USB cradle and power supply
- Android 7.1 operating system
- 1.4GHz Quad-Core processor
- Multiple connections: 3G/4G LTE, dual-band 802.11 a/b/g/n/ac, WiFi, GPS, and BT 4.1
- 5" HD capacitive screen (works wet or gloved)
- Dual SIM slot
- IP67 rated
- Rugged Gorilla Glass ® 3 screen
- 5-foot drop rated

ANDROID

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System

CPU	1.4GHz, Qualcomm 8917 Quad-Core
Memory	2 GB DDR RAM
	16 GB ROM
OS	Android 7.1
	Enhanced security by preventing 3rd party data collection (without GMS)
Supported 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.

Software

SOTI, AirWatch,12Manage, and MoboLink

Symbologies

2D Imager

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

RFID

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

Power Source

Main battery	Rechargeable (non-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

Audio

Microphone, speaker and 3.5mm audio jack

Enclosure

Weight	7.4 oz (210 g)
Dimensions	6.2 in. x 3 in. x 0.5 in. (158 mm x 76.2 mm x 11.5 mm)

Environmental

Operating temperature	14°F to 122°F (-10°C to 50°C)
Storage temperature	-4°F to 158°F (-20°C to 70°C
Charging temperature	0°C to 40°C
Relative humidity	5% ~ 95% (non-condensing)
Drop rating	5 ft (1.5m) to concrete
Environmental seal	IP67

Communication

Camera and flashlight	2MP front camera
	8MP rear camera with LED flash and auto-focus function
External storage	Micro SD/TF x 1(maximum of 32 GB), Micro SIM x 2
USB	USB Type C
WLAN	802.11 a/b/g/n/ac
Bluetooth	Bluetooth 4.1m supports BR/EDR + BLE
WWAN	GSM/HSDP+/UMTS,
	4G FDD-LTE (B1/B2/B3/B7/B8/B20/B28A/B28B)
	3G UMTS/HSDPA/HSPA/HSPA+ (900, 1900, 2100 MHz)
	2G GSM/EDGE/GPRS (850, 1900)
Pogo Pin	Charging via USB cradle and power supply
OTG	Yes, over USB Type C
Sensors	Proximity sensor, light sensor and G-sensor e-compass, gyroscope, and height meter
Indicator	LEDs, vibrator

Accessories

Single slot USB cradle

Regulatory Approvals

	CE, RED, NCC, CCC, VCCI, FCC
Warranty	1 year terminal and cradle/3 month battery

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