

# Rugged Industrial PDA 5"

**E500RM8-4EBM**

## Product Features:

- 5" 1280 x 720 Panel with Projective Capacitive Multi-touch.
- Built-in Wi-Fi/ Bluetooth 4.0/ GPS / LTE
- 8 Mega-pixel camera with LED at rear side
- Support NFC Function
- Water and dust proof IP65 design
- Compliance with MIL-STD-810G for High/Low temperature, Vibration, Drop test
- Support Android 5.1 operating system
- 3900 mAh full-day battery with removable design
- Default 1D/2D Barcode,
- Optional for Smart Card, and Fingerprint Reader



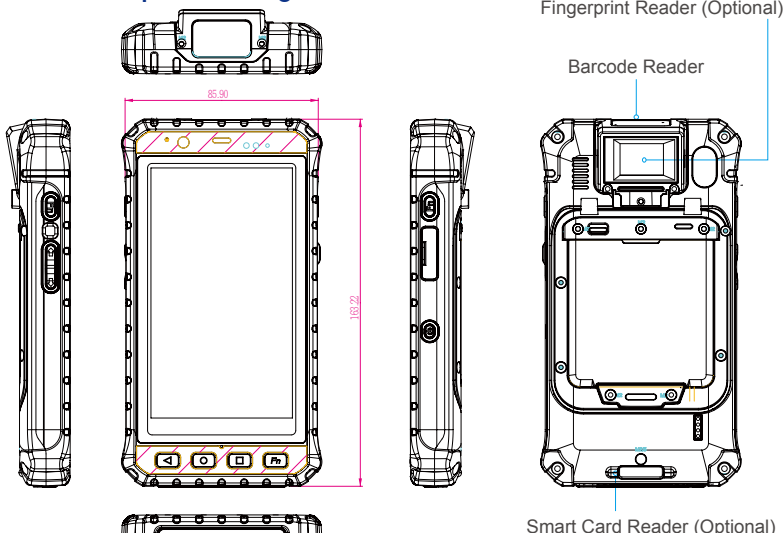
## Product Specifications:

System Specification	Processor	ARM® Cortex™-A53 Octa-core 1.3GHz
	System Memory	2GB RAM
	Storage	16GB eMMC
	Operating System	Android 5.1
Display Specification	Size	5"
	Resolution	1280 x 720
	Brightness	500(typ.)
	Touch	Projective Capacitive Multi-touch
Wireless Communication	WLAN	802.11 a/b/g/n
	Bluetooth	Bluetooth 4.0
	WWAN	GSM/GPRS/EDGE , b2/b3/b5/b6 WCDMA/HSDAP/HSPUA , b1/b2/b4/b5/b8/b20 FDD-LTE / TDD-LTE , b1/b3/b4/b7/b8/b38/b39/b40/b41
	GPS	GPS / AGPS / GLONASS
System I/O Buttons Indicators Sensors	Audio	2 x Built-in Mic, 1 x Earphone, 1 x 1.2W Speaker
	External I/O	2 x SIM card slot, 1 x Micro SD card slot, 1 x Micro USB, 1x Power Jack, 1 x Docking Connector
	Buttons	1 x Volume +, 1 x Power button, 2 x Function button 4 x Front Key
	LED	1 x LED indicator
	Sensors	Light Sensor, Proximity Sensor, G-sensor, Digital Compass
Data Capture	Camera	Rear: 8 Mega-Pixel Camera with LED auxiliary light (Auto Focus)
	Data Capture	Default NFC (Read/ Write, Peer to Peer mode) Default 1D/2D Barcode Reader Smart card reader, ISO 7816 part 1,2,3 (Optional) Fingerprint Reader (Optional)
Mechanical and Environment	Operating Temperature	-10 deg.C to 50 deg.C (Battery Mode)
	IP Proof	IP65
	Shock	MIL-STD-810G Method 516.6 Procedure I
	Vibration	MIL-STD-810G Method 514.6 Procedure I
	Drop	MIL-STD-810G Method 516.6, 4 ft, Free to concrete
	Dimension(W x L x D)	85.9 x 163.2 x 22.5 mm
Power Management	Weight	315g
	Battery	3.7V 3900mAh Li-ion removable battery, optional for Hotswappable function
	Battery Operating Time	20Hr *
	Adapter	5V 2A Adapter

## NFC Tag Support

Support Card Type (13.56 MHz)	
NFC Forum Platform	Type 1, Type 2, Type 3, Type 4
ISO 15693	TI HF-I Plus, TI HF-I Pro, NXPI-Code SLI
ISO 14443-A	NXP Mifare_One(S50_4byte), NXP Mifare_One(S50_7byte), NXP Mifare_One(S70_4byte), NXP Mifare_UltraLight, NXP Mifare_UltraLight C NXP Mifare_DesFire_EVI
ISO 14443-B	ifineon JTOP
ISO 18092(R/W)	SONY Felica Lite s, SONY Felica Lite

## Concept Drawing



## Order Information

E500RM8-4EBM	Support WWAN for EU / Asia + Barcode Reader
E500RM8-4EBS	Support WWAN for EU / Asia + Barcode + Smart Card Reader
E500RM8-4EBF	Support WWAN for EU / Asia + Barcode + Fingerprint Reader
E500RM8-4EFS	Support WWAN for EU / Asia + Fingerprint + Smart Card Reader
E500RM8-4EFU	Support WWAN for EU / Asia + Barcode + Fingerprint + Smart Card Reader
E500RM8-4EBMH	Support WWAN for EU / Asia + Barcode Reader + Hotswap battery
E500RM8-4EBSH	Support WWAN for EU / Asia + Barcode + Smart Card Reader + Hotswap battery
E500RM8-4EBFH	Support WWAN for EU / Asia + Barcode + Fingerprint Reader + Hotswap battery
E500RM8-4EFSH	Support WWAN for EU / Asia + Fingerprint + Smart Card Reader + Hotswap battery
E500RM8-4EFUH	Support WWAN for EU / Asia + Barcode + Fingerprint + Smart Card Reader + Hotswap battery

\*Note: Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.