

Rugged Industrial PDA 5"

E500RM8

Product Features:

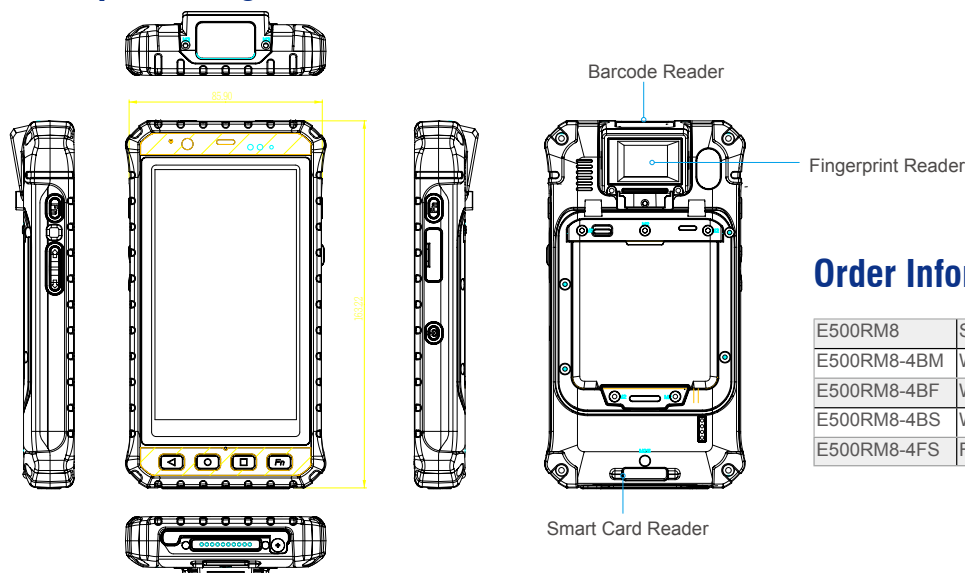
- 5" 1280 x 720 Panel with Projective Capacitive Multi-touch.
- Built-in Wi-Fi/ Bluetooth 4.0/ GPS / LTE
- Built-in 2 Mega-pixel camera at front side and 8 Mega-pixel camera with LED at rear side
- Support NFC Function
- Water and dust proof ID IP65 design
- Compliance with MIL-STD-810G for High/Low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



Product Specifications:

System Specification	Processor	ARM® Cortex™-A53 Octa-core 1.3GHz
	System Memory	1GB SDRAM
	Storage	8GB eMMC
	Operating System	Android 5.1
Display Specification	Size	5"
	Resolution	1280 x 720
	Brightness	400(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/HSDPA/HSPA , b1/b2/b4/b5/b8 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
Data Capture	Camera	Rear: 8 Mega-Pixel Camera with LED auxiliary light (Auto Focus) Front: 2 Mega-Pixel Camera (Either one with Barcode Reader)
	Data Capture	Default NFC (Read / Write, Peer to Peer mode) 1D/2D Barcode Reader (Optional) Smart card reader, ISO 7816 part 1,2,3 (Optional) Fingerprint Reader (Optional)
Mechanical and Environment	Operating Temperature	-20 deg.C to 60 deg.C(AC Mode) -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
Power Management	Drop	MIL-STD-810G Method 516.6, 4 ft, Free to concrete
	Battery	3.7V 3900mAh Li-ion removable Hot-Swappable battery
	Battery Operating Time	20Hr *
	Adapter	5V 2A Adapter

Concept Drawing



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

Order Information

E500RM8	Standard
E500RM8-4BM	With 1D/2D Barcode reader
E500RM8-4BF	With 1D/2D Barcode reader and Fingerprint Reader
E500RM8-4BS	With 1D/2D Barcode reader and Smart Card Reader
E500RM8-4FS	Fingerprint Reader and Smart Card Reader