E430RM4L-ME, 4.3-inch Rugged PDA

An enterprise-class PDA with powerful mobile computing solution for Hospital Environment

Winmate's E430RM4L-ME series PDA is an enterprise-class PDA with powerful mobile computing solution for hospital environments.The E430RM4L-ME PDA brings a new level of flexibility,
functionality and rugged design to pocket-sized mobile devices, providing nurses and doctors with the power to streamline operations, increasing productivity and improving customer service.
The E430RM4L-ME packs WLAN, Bluetooth, GPS and 1D/2D Barcode Reader - all into a single device. With great multiplewireless communications, this product is applicable to nurses, doctors, and other business operations in hospitals.

Highlights

- Cortex-A53 Quad-Core Processor
- 4.3" 480 x 800 Panel
- Supports Android 7.0 OS
- IP65 waterproof and dustproof
- With 1D/2D Barcode and NFC Reader
- Optional antimicrobial surface coating

Order Information	
E430RM4L-ME	Support 1D/2D Barcode Reader and NFC
	Optional 3G/4G LTE

White color housing MOQ 500 PCS

WINMATE

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Display Specification

Size	4.3-inch
Resolution	480 x 800
Brightness	400 nits
Touch	Multi-touch projected capacitive
Contrast Ratio	550:1
Viewing Angle	80/80/80/80
Technology	• Ambient light sensor, g-sensor
	• Automatic screen rotation

System Specification

Processor	ARM® Cortex™-A53 Quad-core 1.3 GHz
System Memory	2GB RAM [1]
Storage	16GB eMMC
	Additional storage available with optional Storage Card: SD (up to 2 GB), SDHC (up to 32 GB)
Operating System	Android 7.0

Wireless Communication

WLAN	802.11 a/b/g/n
Bluetooth	Bluetooth 4.0
GPS	Buit In GPS module

Interface

USB	1 x Micro USB
Micro SD	1 x Micro SD Card Slot
SIM Card Slot	1 x SIM Card Slot
WWAN	Optional 3G/4G LTE

Keyboard and Input

Touch	10-point multi touch,
Button	On-screen QWERTY keyboard
	Button 1 x Volume +/- , 1 x Power Button, 1 x Function button
	4 capacitive button (1 x Home, 1 x Menu, 1 x Esc, 1 x search)
LED Indicators	1 x LED indicators (Power, Battery)
Sensor	Light Sensor, Proximity Sensor, G-sensor, Digital Compass

Audio

Microphone	1 x Built-in Mic
Speaker	1 x 1.2 W speaker
Earphone	1 x Earphone

Data Capture

NFC	NFC (Read / Write, Peer to Peer mode)
Barcode	1D/2D Barcode reader

Security Function

Mobile Device Mgmt.	SOTI Mobicontrol compatible [2]

Cameras

Web Camera	2MP Camera
Rear Camera	8MP Camera with Autofocus

Mechanical and Environment

Dimension (W x L x H)	132.57 x 81.87 x 27.4 mm [3]
Weight	260g
Housing	Antimicrobial surface coating (Optional)
Operating Temperature	0℃ to 35℃, Humidity up to 95%
Storage Temperature	-20℃ to 60℃, Humidity up to 95%
Humidity	5% to 95% RH, non-condensing
IP Proof	IP65 Certified, waterproof and dustproof
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, 5 ft to concrete [4]

Power Management

Power Input	5V DC
Battery	3.7V 3900mAh Li-ion removeable battery
Battery Operating Time	20Hr [5]
Adapter	5V 1A Adapter

Accessories

Standard Accessories

Universal Adapter	9226015W05V1 USA Type
	922Z005W05V4 EU Type
Battery	98TZ00ZZ0001
Micro SD Card	76G004300000
Hand Strap	9B0000000330

Optional Accessories [6]

Charging Dock 2 bay	98K000A0003Y
Charging Dock 6 bay	98K004A0000I
Battery Charging Dock 2 bay	98K004A0000G
Battery Charging Dock 6 bay	98K000A0004G
Vehicle Charging Dock	98D004A00001
Battery	32040370400B
Leather Holster	9B000000002U
Lanyard	9B0000000317
Micro USB Host Cable	9480058040K0

Drawing [7]
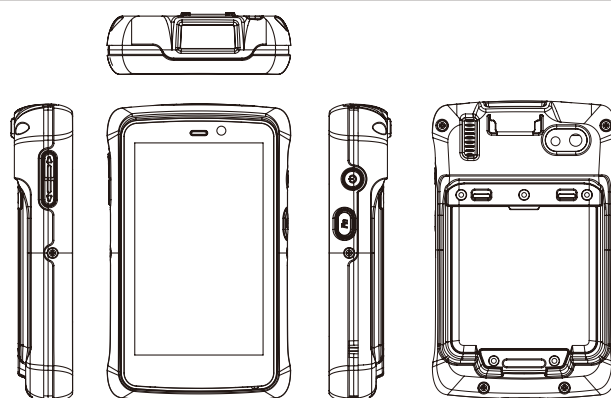
⚠️ Caution — Do Not Expose the Battery Pack to Excessive Heat, or Extreme Heat (Near Fire, in Direct Sunlight for example)

Do not expose bare skin to this product when handling this unit in extreme hot or cold environments

1. Total usable memory will be less depending upon actual system configuration
2. SOTI are available upon request
3. Length measurements do not include protrusions.
4. The drop test with high-capacity battery must come with hand strap
5. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
6. Accessories and Integrated Options may vary depending on your configuration.
7. This is a simplified drawing and some components are not marked in detail.