E430RM4L-4EBM, 4.3-inch Rugged Industrial PDA

with Barcode Reader

An enterprise-class PDA with powerful mobile computing solution

Winmate's E430 Series PDA is an enterprise-class PDA with powerful mobile computing solution. The E430 Series PDA brings a new level of flexibility, functionality and rugged design to pocket-sized mobile devices, providing task workers and managers with the power to streamline business processes, increasing productivity and improving customer service.

The E430 packs WLAN, Bluetooth, GPS, and WWAN function - all into a single device. With 1D/2D barcode reader, 8 MP rear and 2MP front camera for data collection, this product will be applicable to mobile worker, business application, and IT requirements.

Highlights

- ARM Cortex A53- Quad Core, 1.3 GHz
- 4.3" 800 x 480 Panel with direct optical bonding
- Built-in 1D/2D Barcode Reader for data collection
- Support NFC function
- IP65 waterproof and dustproof
- Supports Android 7.0

Order Information		
	4G	1D/2D Barcode Reader
E430RM4L-4E	4G/ LTE for Europe	Optional
E430RM4L-4EBM	4G/ LTE for Europe	Default

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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

WWAN	GSM / GPRS / EDGE / WCDMA / HSDPA / HSUPA / LTE

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

Barcode Reader	Default SE4500 1D/2D Barcode Reader
NFC	Supports NFC function

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	Optional for Antimicrobial Surface Coating
Operating Temperature	-20°C to 60°C (AC mode), -10°C to 50°C (Battery mode)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)
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]
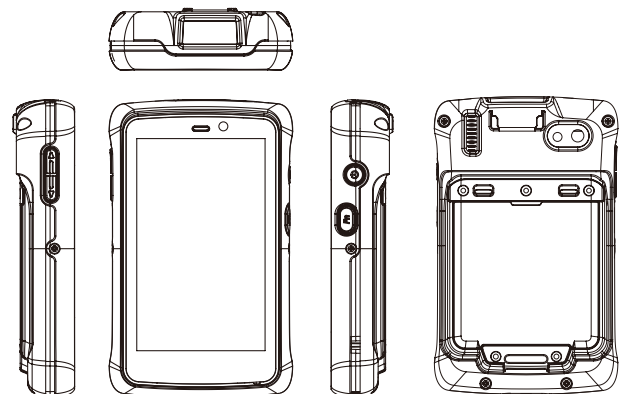
⚠ **Caution** Do Not Expose the Battery Pack to Excessive Heat, or Extreme Heat (Near Fire, in Direct Sunlight for example)
Do not expose bare skin to this product when handling this unit in extreme hot or cold environments

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.