

Rugged Industrial PDA 4.3"

with 1D/2D Barcode

E430M2-3B2

Product Features:(1D/2D Barcode Reader)

- 4.3" 800x480 Panel with Projective Capacitive Multi-touch.
- Built-in Wi-Fi/ Bluetooth/ GPS / 3G
- Built-in 2 Mega-pixel camera at front side and 5 Mega-pixel camera with LED at rear side
- Built in 1D/2D barcode Technology for maximum business functionality.
- Water and dust proof ID IP66 design
- Compliance with MIL-STD-810F for High/Low temperature, Vibration, Drop test
- Support Android 4.1 operating system

Product Specifications:

System Specification	Processor	ARM® Cortex™-A9 1.0Ghz
	System Memory	1GB SDRAM
	Storage	4GB eMMC(Optional to 32GB, MOQ:1K)
	Operating System	Android 4.1
Display Specification	Size	4.3"
	Resolution	480 x 800
	Brightness	400(typ.)
	Touch	Projective Capacitive Multi-touch
Wireless Communication	WLAN	802.11 a/b/g/n
	Bluetooth	Bluetooth V2.1+EDR
	WWAN	3.5G (For data Transmission)
	GPS	Built-in GPS module
Mechanical and Environment	Dimensions (W x L x H)	132.2 x 82 x 21.5 mm
	Weight	240g
	Operation Temperature	-30°C ~60°C
	Charging Temperature	10°C ~45°C
	Shock	Shock MIL-STD-810F M516.5
	Vibration	Vibration MIL-STD-810F M514.5
	Drop	MIL-STD-810F M516.5, 4 ft, Free to concrete
	Certifications	CE, FCC,UL,CCC
I/O Connectors	External I/O	1 x Micro USB
	Internal I/O	1 x SIM card slot
		1 x Micro SD card slot
	Data Capture	2D Image Barcode Scanner
In front Control	Control button	1 x Volume - +
		1 x Power button
		1 x Function button
		4 xCapactive buttons:Home/ Menu/ ESC/ Search functions
Field Service	LED indicator	1 x LED indicator
	Main Camera (Rear)	5 Mega-Pixel Camera with LED auxiliary light (Auto Focus)
	Face Camera (Front)	2 Mega-Pixel Camera
	Light Sensor	Built-in
	Proximity (Light) Sensor	Built-in
Power	Battery	3.7V 2600mAh Li-poly rechargeable battery
	Battery Operating Time	Low Use Case:8.6Hr(Backlight at 10% duty cycle,default level,idle)
	Adapter	5V 1AAdapter



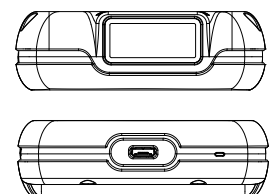
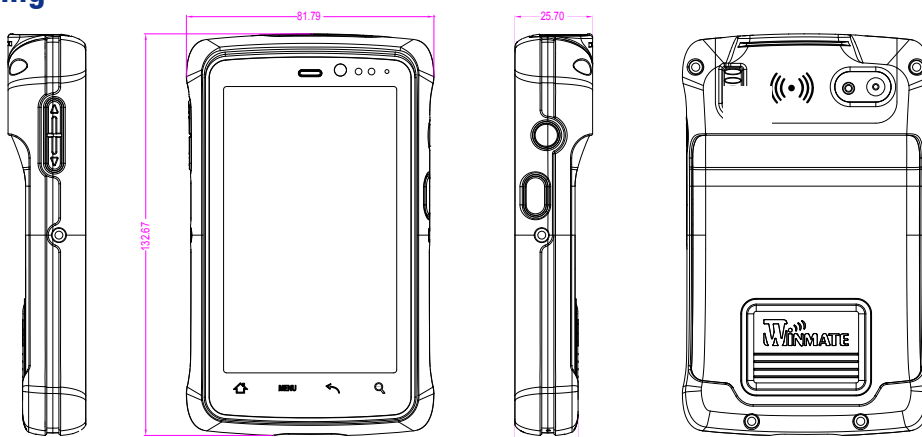
2D Scanner Engine

Symbolisms	
2D	QR Code,Data Matrix,PDF417 Maxicode,Aztec
1D	Code 39, Code 128,Codabar,EAN-13 EAN-8,Code93,ISBN/ISSN China post25 Inteaved 2 of 5

Order Information:

Model Name	Configuration
E430M-3B2A	3G+ 2D Barcode+ Android

Drawing



Rev.	Reasons	Revised Date
1.0	First release	Mar.15.13
1.1	Change photos	1 Jun 2013

Rugged Industrial PDA 4.3"

E430M2-3G

Product Features:(Standard)

- 4.3" 800x480 Panel with Projective Capacitive Multi-touch.
- Built-in Wi-Fi/ Bluetooth/ GPS / WWAN
- Built-in 2 Mega-pixel camera at front side and 5 Mega-pixel camera with LED at rear side
- Water and dust proof ID IP67 design
- Compliance with MIL-STD-810G for High/Low temperature, Vibration, Drop test
- Support Android 4.1 operating system



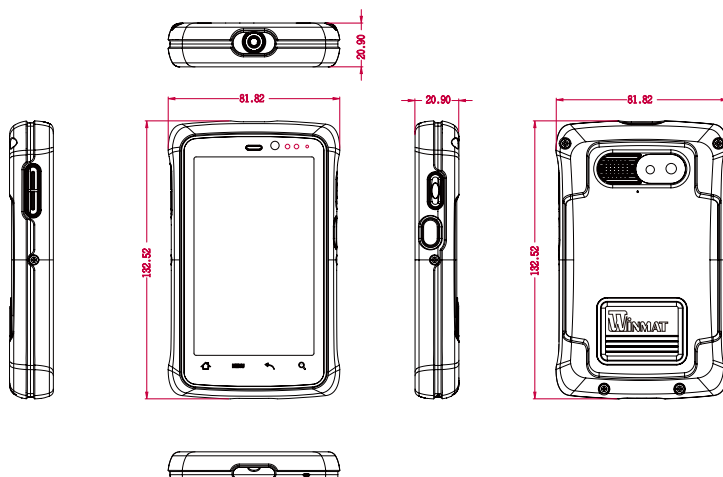
Product Specifications:

System Specification	Processor	ARM® Cortex™-A9 1.0Ghz
	System Memory	1GB SDRAM
	Storage	4GB eMMC(Optional to 32GB, MOQ:1K)
	Operating System	Android 4.1
Display Specification	Size	4.3"
	Resolution	480 x 800
	Brightness	400(typ.)
	Touch	Projective Capacitive Multi-touch
Wireless Communication	WLAN	802.11 a/b/g/n
	Bluetooth	Bluetooth V2.1+EDR
	WWAN	3.5G
	GPS	Built-in GPS module
Mechanical and Environment	Dimensions (W x L x H)	5.2 x 3.23 x 0.85 in / 132.2 x 82 x 21.5 mm
	Weight	232g
	Operation Temperature	-30 ~ 60°C
	Charging Temperature	50 ~ 113°F / 10 ~ 45°C
	Operation Humidity	95% RH, non-condensing
	IP Proof	IP67
	Shock	Shock MIL-STD-810G M516.6
	Vibration	Vibration MIL-STD-810G M514.6
	Drop	MIL-STD-810G M516.6, 5 ft, Free to concrete
	Certifications	CE, FCC,CCC,UL
I/O Connectors	External I/O	1 x Micro USB 1 x 3.5mm Audio jack for Micphone and earphone
	Internal I/O	1 x SIM card slot 1 x Micro SD card slot
	Intenal Audio Device	1 x Microphone 1 x Earphone 1 x Speaker
	Control button	1 x Volume + 1 x Volume - 1 x Power button 1 x Function button 4 xCapactive buttons:Home/ Menu/ ESC/ Search functions
Field Service	LED indicator	1 x LED indicator
	Main Camera (Rear)	5 Mega-Pixel Camera with LED auxiliary light (Auto Focus)
	Face Camera (Front)	2 Mega-Pixel Camera
	Light Sensor	Built-in
Power	Proximity (Light) Sensor	Built-in
	Battery	3.7V 2600mAh Li-poly rechargeable battery
	Battery Operating Time	Low Use Case:8.6Hr(Backlight at 10% duty cycle,default level,idle)
	Adapter	5V 1A Adapter

Order Information:

Model Name	Configuration
E430M-3A	3G+ Android

Drawing



Rev.	Reasons	Revised Date
1.0	First release	Mar.15.13
1.1	Spec change	Jun.05.13

Rugged Industrial PDA 4.3"

with 1D Laser

E430M2-3BL

Product Features:(1D Laser Built-in)

- 4.3" 800x480 Panel with Projective Capacitive Multi-touch.
- Built-in Wi-Fi/ Bluetooth/ GPS / Optional 3G Communication
- Built-in 2 Mega-pixel camera at front side and 5 Mega-pixel camera with LED at rear side
- Built in 1D Laser barcode Technology for maximum business functionality.
- Water and dust proof ID IP66 design
- Compliance with MIL-STD-810F for High/Low temperature, Vibration, Drop test
- Support Android 4.1 operating system

Product Specifications:

System Specification	Processor	ARM® Cortex™-A9 1.0Ghz
	System Memory	1GB SDRAM
	Storage	4GB eMMC(Optional to 32GB, MOQ:1K)
	Operating System	Android 4.1
Display Specification	Size	4.3"
	Resolution	480 x 800
	Brightness	400(typ.)
	Touch	Projective Capacitive Multi-touch
Wireless Communication	WLAN	802.11 a/b/g/n
	Bluetooth	Bluetooth V2.1+EDR
	WWAN	3.5G (for data Transmission)
	GPS	Built-in GPS module
Mechanical and Environment	Dimensions (W x L x H)	132.2 x 82 x 21.5 mm
	Weight	240g
	Operation Temperature	-30°C ~ 60°C
	Charging Temperature	10°C ~ 45°C
	Shock	Shock MIL-STD-810F M516.5
	Vibration	Vibration MIL-STD-810F M514.5
	Drop	MIL-STD-810F M516.5, 4 ft, Free to concrete
	Certifications	CE, FCC,UL
I/O Connectors	External I/O	1 x Micro USB
	Internal I/O	1 x SIM card slot
		1 x Micro SD card slot
	Data Capture	1 x 1D Laser Barcode Scanner(Anti Sunlight)
In front Control	Control button	1 x Volume - +
		1 x Power button
		1 x Function button
		4 xCapactive buttons:Home/ Menu/ ESC/ Search functions
Field Service	LED indicator	1 x LED indicator
	Main Camera (Rear)	5 Mega-Pixel Camera with LED auxiliary light (Auto Focus)
	Face Camera (Front)	2 Mega-Pixel Camera
	Light Sensor	Built-in
Power	Proximity (Light) Sensor	Built-in
	Battery	3.7V 2600mAh Li-poly rechargeable battery
	Adapter	5V 1A Adapter

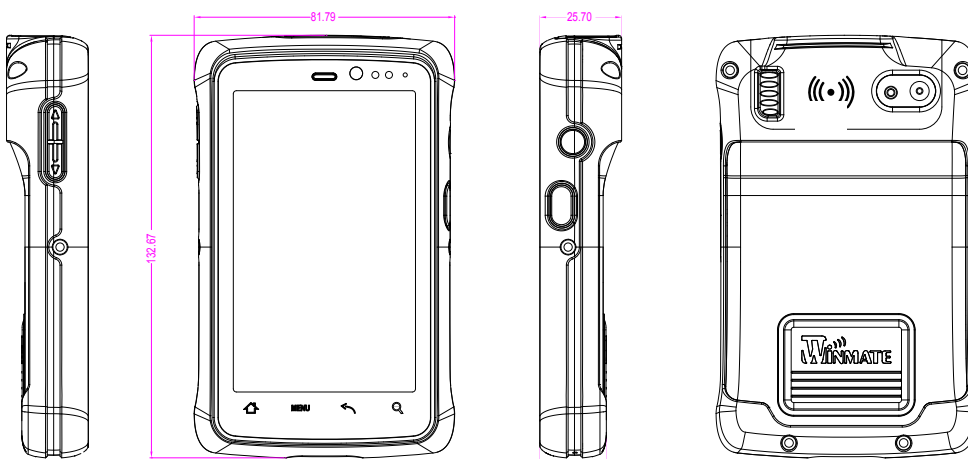


1D Laser Scanner Engine

Symbologies

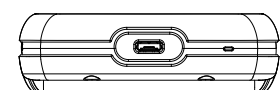
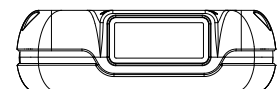
- Barcode (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128(EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/ Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey
- Postal code: Chinese Post, Korean Postal Authoritycode
- 2D code: Composite codes, MicroPDF417, PDF417

Drawing



Order Information:

Model Name	Configuration
E430M2-3BL	3G+ 1D Laser+ Android



Rev.	Reasons	Revised Date
1.0	First Release	Mar.15.13
1.1	Change description	1 Jun 2013

Rugged Industrial PDA 4.3"

with HF RFID

E430M2-3HF

Product Features:(with RFID)

- 4.3" 800x480 Panel with Projective Capacitive Multi-touch.
- Built-in Wi-Fi/ Bluetooth/ GPS / Optional 3G Communication
- Built-in 2 Mega-pixel camera at front side and 5 Mega-pixel camera with LED at rear side
- Built-in HF RFID 13.56MHz Reader Technology
- Water and dust proof ID IP66 design
- Compliance with MIL-STD-810F for High/Low temperature, Vibration, Drop test
- Support Android 4.1 operating system

Product Specifications:

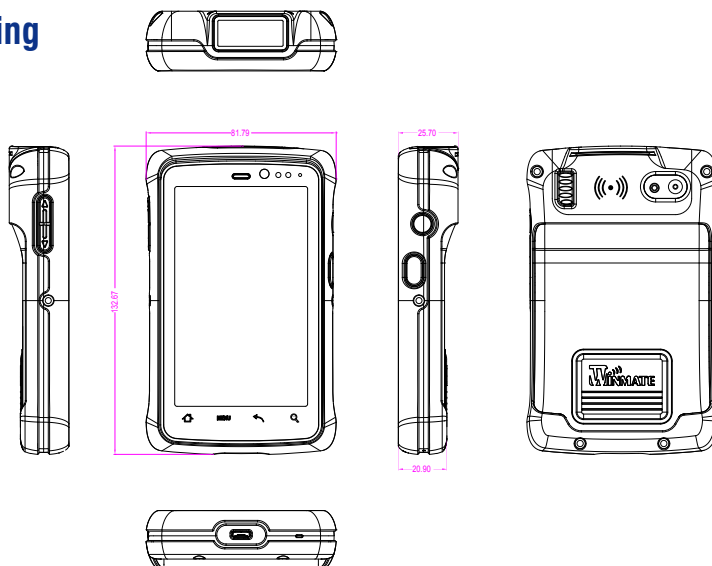
System Specification	Processor	ARM® Cortex™-A9 1.0Ghz
	System Memory	1GB SDRAM
	Storage	4GB eMMC(Optional to 32GB, MOQ:1K)
	Operating System	Android 4.1
Display Specification	Size	4.3"
	Resolution	480 x 800
	Brightness	400(typ.)
	Touch	Projective Capacitive Multi-touch
Wireless Communication	Data Capture Scanning	RFID Reader(HF)
	WLAN	802.11 a/b/g/n
	Bluetooth	Bluetooth V2.1+EDR
	WWAN	3.5G (for data Transmission)
Mechanical and Environment	GPS	Built-in GPS module
	Dimensions (W x L x H)	132.2 x 82 x 21.5 mm
	Weight	240g
	Operation Temperature	-30°C ~ 60°C
	Charging Temperature	10°C ~ 45°C
	Shock	Shock MIL-STD-810F M516.5
	Vibration	Vibration MIL-STD-810F M514.5
	Drop	MIL-STD-810F M516.5, 4 ft, Free to concrete
	Certifications	CE, FCC,UL
	External I/O	1 x Micro USB
I/O Connectors	Internal I/O	1 x SIM card slot
		1 x Micro SD card slot
	Data Capture	1 x RFID Reader (HF)
In front Control		1 x Volume - +
	Control button	1 x Power button
		1 x Function button
Field Service		4 xCapactive buttons:Home/ Menu/ ESC/ Search functions
	LED indicator	1 x LED indicator
	Main Camera (Rear)	5 Mega-Pixel Camera with LED auxiliary light (Auto Focus)
	Face Camera (Front)	2 Mega-Pixel Camera
Power	Light Sensor	Built-in
	Proximity (Light) Sensor	Built-in
	Battery	3.7V 2600mAh Li-poly rechargeable battery
	Adapter	5V 1A Adapter



RFID Reader

Symbologies
ISO15693, ISO14443A, ISO18092, NFC-P2P
RF Transmit Frequency
13.56MHz

Drawing



Order Information:

Model Name	Configuration
E430M-3HFA	3G+ RFID (HF) + Android