E500RM9
5" ARM A73 + A53 Rugged Handheld Computer

KEY FEATURES

- 5" 1280 x 720 Resolution
- ARM A73 x 4 (2.0 GHz) + A53 x 4 (2.0 GHz)
- IP65 waterproof and dustproof
- Optional 1D/2D Barcode Reader and Fingerprint Reader for data collection
- Rated for extreme temperature use
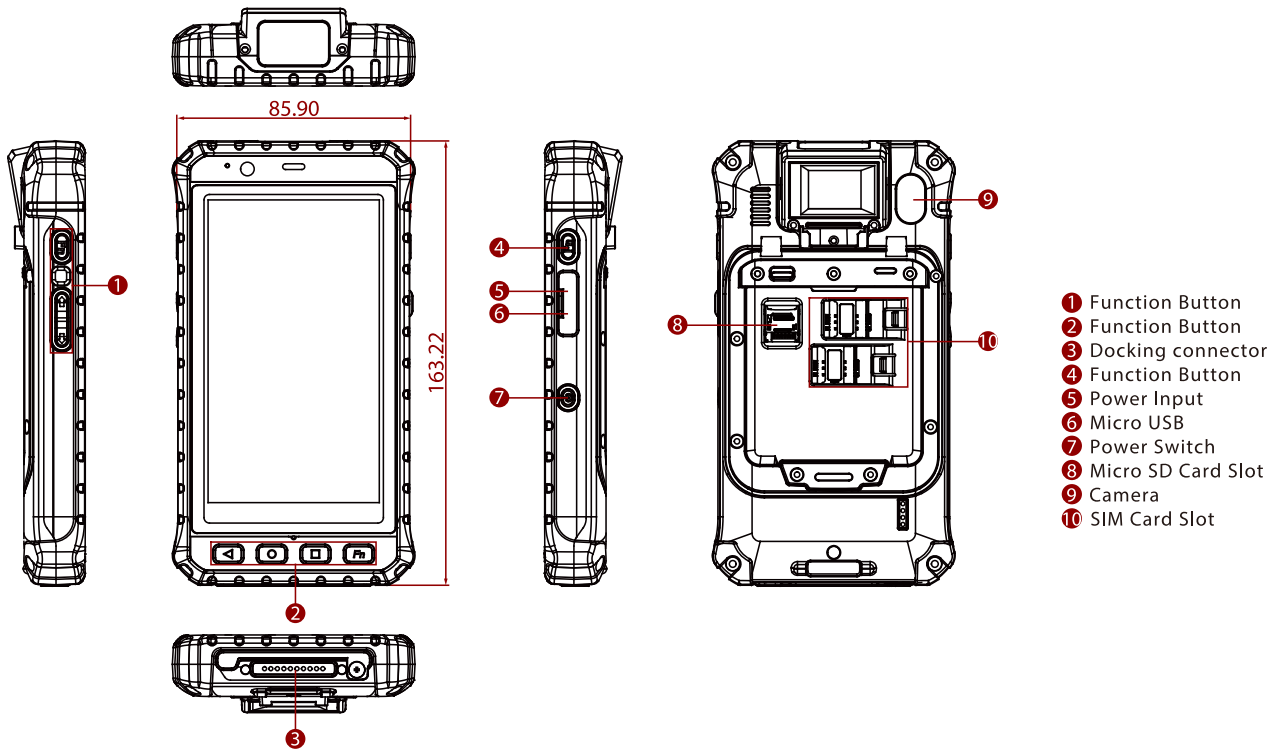- Optional NFC function

CE FC IP65

SPECIFICATIONS

Display

Resolution	1280x720	**Size**	5 inches
Contrast Ratio	800:1	**Panel Brightness**	500 nits
View Angles	80,80,80,80	**Type**	Projected Capacitive Multi Touch
Touch Mode	Support Hand / Gloves and Rain Mode	**Bonding**	Optical Bonding for Sunlight Viewability

System Specification

Processor	ARM A73 x 4 (2.0 GHz) + A53 x 4 (2.0 GHz)	**Memory**	4GB
Storage	32GB	**Operating System**	Android 11.0
WLAN	Support	**BT**	Support
WWAN	4G/LTE (Optional)	**GNSS**	GPS/AGPS
RFID	NFC (Read / Write, Peer to Peer mode) (Optional)	**Sensors**	Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors
Smart Card Reader	ISO7816 Part 1.2.3 Smart Card Reader (Optional)	**Fingerprint Scanner**	Fingerprint Reader (Optional)

Camera

Front Camera	8MP Camera	**Rear Camera**	13MP Camera with LED Auxiliary Light (Auto Focus)

Mechanical

Dimension	85.9 x 163.2 x 22.5 mm	**Weight**	315g

IO Ports

USB Port	1 x Micro USB OTG	**SD Card Slot**	1 x Micro SD Card Slot
SIM Card Slot	2 x SIM Card Slot	**Audio**	1 x Audio Combo connector (Mic in or Line Out) 2 x Built-in Mic 1 x Speaker 1 x Receiver
Indicator	1 x LED Indicators (Power, Battery)	**Docking Connector**	1 x Docking Connector

Environment

Operating Humidity	10% to 95% RH, NonCondensing	**Operating Temperature**	-10°C to 50°C (Battery mode)
Storage Temperature	-30°C to 70°C	**Shock**	MIL-STD-810H Method 516.6 Procedure I
Vibration	MIL-STD-810H Method 514.6 Procedure I	**IP rating**	IP65 Certified, Waterproof and Dustproof

Drop	MIL-STD-810H Method 516.6, 4 ft		
Certification			
Certification	CE, FCC		
Control			
Button	1 x Volume +/-, 1 x Power Button, 3 x Function Button, 1 x Home, 1 x Menu, 1 x Esc		
Power			
Battery	3.7V 3900mAh Hotswappable Function (Optional)	**Battery Operating Time**	20Hr
Power Rating	5V	**Adapter**	5V 2A Adapter
Security Function			
SOTI MobiControl	SOTI MobiControl Compliance		
Accessory			
Accessory	Power Plug (Based on Customer's Country) Hand Strap Battery Micro SD Card	**Optional Accessory**	Charging Dock 2 bay Charging Dock 6 bay Battery Charging Dock 2 bay Battery Charging Dock 6 bay Micro USB Cable
Barcode Scanner			
Barcode Scanner	1D/2D Barcode Reader (Optional)		

DIMENSIONS   UNIT:MM

- ❶ Function Button
- ❷ Function Button
- ❸ Docking connector
- ❹ Function Button
- ❺ Power Input
- ❻ Micro USB
- ❼ Power Switch
- ❽ Micro SD Card Slot
- ❾ Camera
- ❿ SIM Card Slot

NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. The barcode reader and front camera are mutually exclusive options.
3. Computrace theft protection is available upon request.
4. Length measurements do not include protrusions. Weight varies with options and a digitizer pen.
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.
8. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.