

# P500M9

## 5" ARM A73 + A53 Rugged Handheld Computer



### KEY FEATURES

- 5" 1280 x 720 Resolution
- CortexA73 + CortexA53 (Octacore up to 2.0 GHz)
- IP65 waterproof and dustproof
- Optional 1D/2D Barcode Reader for data collection
- Optional NFC function
- Optimized Mechanism Design for handheld

### INTRODUCTION

Winmate P500 Rugged Handheld Computer Series is designed for durability, performance, and versatility in demanding environments. Featuring a 5" HD display, IP65-rated protection, and an Android OS, it delivers powerful performance and seamless multitasking. Optional features like a 1D/2D barcode reader, NFC functionality, and multi-mode PoC radios with VHF/UHF support enhance its adaptability for data collection, communication, and industrial applications. Its optimized ergonomic design ensures comfortable handheld use for extended periods.

### SPECIFICATIONS

#### Display

Resolution	1280x720	Size	5.0 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	64GB	Operating System	Android 11.0
WLAN	Support	BT	Support
WWAN	4G/LTE (Optional)	GNSS	GPS/AGPS
RFID	NFC (Read / Write) (Optional)	Sensors	Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors

#### Camera

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

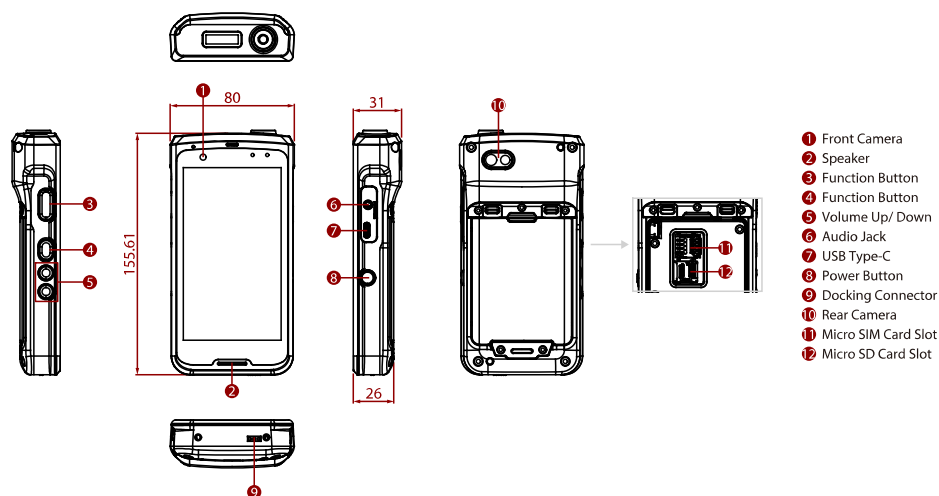
Dimension	155.61 x 80 x 26 mm	Weight	330g
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#### IO Ports

USB Port	1 x USB Type C OTG (support PD 2.0 charging)	SD Card Slot	1 x Micro SD Card Slot
SIM Card Slot	1 x Micro SIM Card Slot	Audio	1x Audio Jack 2 x Builtin Mic 1 x Speaker 1 x Receiver

<b>Indicator</b>	1 x LED Indicators (Power, Battery)	<b>Docking Connector</b>	1 x Docking Connector
<b>Environment</b>			
	5% to 95% RH, Non-Condensing -30°C to 70°C	<b>Operating Temperature</b>	-20°C to 60°C
<b>Vibration</b>	MIL-STD-810H Method 514.8 Procedure I	<b>Shock</b>	MIL-STD-810H Method 516.8 Procedure I
<b>Drop</b>	MIL-STD-810H Method 516.8, 4 ft	<b>IP rating</b>	IP65
<b>Certification</b>			
<b>Certification</b>	CE, FCC		
<b>Control</b>			
<b>Button</b>	1 x Volume +/-, 1 x Power Button, 2 x Function Button		
<b>Power</b>			
<b>Battery</b>	7.6V 2700mAh	<b>Battery Operating Time</b>	8Hr
<b>Power Rating</b>	15V	<b>Adapter</b>	15V PD Adapter with USB TypeC
<b>Security Function</b>			
<b>SOTI MobiControl</b>	SOTI MobiControl Compliance		
<b>Accessory</b>			
<b>Accessory</b>	Universal Adapter Battery	<b>Optional Accessory</b>	USB Type-C Cable Micro SD Card Battery Charging Dock 2 bay Battery Charging Dock 6 bay
<b>Barcode Scanner</b>			
<b>Barcode Scanner</b>	1D/2D Barcode Reader (Optional)		

## DIMENSIONS UNIT:MM



## NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.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.

Storage Temperature