



P500M9-DMR 5" Multi-mode PoC Radios

Manufacturer part number: P500M9-DMR | Handheld Computers



Explore Winmate P500M9-DMR, a rugged handheld computer featuring 5-inch display with 1280x720 resolution, IP65 for field service and warehouse data capture.

Display	
Size	5.0 inches
Resolution	1280x720
Type	Projected Capacitive Multi Touch
Panel Brightness	500 nits
Contrast Ratio	800:1
View Angles	80,80,80,80
Bonding	Optical Bonding for Sunlight Viewability
Touch Mode	Support Hand / Gloves and Rain Mode
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)
Mechanical	
Dimension	155.61 x 80 x 26 mm
Weight	350g
IO Ports	

USB Port	1 x USB Type C OTG, (support PD 2.0 charging)
Audio	1x Audio Jack, 2 x Builtin Mic, 1 x Speaker, 1 x Receiver
SD Card Slot	1 x Micro SD Card Slot
SIM Card Slot	1 x Micro SIM Card Slot
Indicator	1 x LED Indicators, (Power, Battery)
Docking Connector	1 x Docking Connector
Environment	
Operating Humidity	5% to 95% RH, Non-Condensing
Operating Temperature	-20 deg C to 60 deg C
Storage Temperature	-30 deg C to 70 deg C
Shock	MIL-STD-810H Method 516.8 Procedure I
Vibration	MIL-STD-810H Method 514.8 Procedure I
Drop	MIL-STD-810H Method 516.8, 4 ft
IP rating	IP65
Certification	
Certification	CE, FCC
Control	
Button	1 x Volume +/-, 1 x Power Button, 2 x Function, Button
Power	
Battery	7.6V 2700mAh
Battery Operating Time	8Hr
Power Rating	15V
Adapter	15V PD Adapter with USB TypeC
Security Function	
SOTI MobiControl	SOTI MobiControl Compliance
Accessory	
Accessory	UHF/VHF Antenna, Universal Adapter, Battery
Optional Accessory	USB Type-C Cable, Micro SD Card
Radio Transceiver	
Channel Spacing	DMR: 12.5kHz, Analog: 12.5/25kHz
TX Power	4W/0.5W
RX Sensitivity	<=-121dBm
Digital Vocoder Type	AMBE
Frequency Range	VHF:136~174MHz or UHF:400~480 MHz