



M900MGN 8" ARM Genio 510 Android Rugged Tablet

Manufacturer part number: M900MGN | Android Rugged Tablets



Explore Winmate M900MGN, a rugged tablet PC featuring 8-inch display with 1280x800 resolution for field service and inspection.

Display	
Size	8.0 inches
Type	Projected Capacitive Multi Touch
Resolution	1280x800
Panel Brightness	800.0 nits
Contrast Ratio	1500:1
View Angles	80,80,80,80
Bonding	Optical Bonding for Sunlight Viewability
Touch Mode	Support Hand / Gloves and Rain Mode
System Specification	
Processor	ARM Genio 510 2 x A78 2.0GHz + 4 x A55 2.0GHz
Memory	4GB
Storage	Onboard 64 GB
Operating System	Android 13.0
WLAN	Support
BT	Support
WWAN	4G/LTE (Optional)
GNSS	GPS/AGPS
RFID	NFC Reader (Optional)
Sensors	G-Sensor, E-Compass, Gyro, Light Sensor
Camera	
Front Camera	8MP Camera
Rear Camera	13MP Camera with LED Auxiliary Light (Auto Focus)
Mechanical	
Dimension	226.6 x 147.8 x 21.5 mm
Weight	900g
IO Ports	
USB Port	1 x USB 3.0 Type A, 1 x USB 2.0 Type C OTG, (support PD 3.0 charging)

LAN	1 x RJ45
Audio	2 x Built-in Digital Mic, 2 x 1W Speaker
SD Card Slot	1 x Micro SD Card Slot
SIM Card Slot	1 x SIM Card Slot
Indicator	2 x LED Indicators, (Power, Battery)
Environment	
Operating Humidity	10% to 90% 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, 5 ft
IP rating	IP65
Certification	
Certification	CE, FCC
Security Function	
SOTI MobiControl	SOTI MobiControl Compliance
Control	
Button	1 x Power, 1 x Menu,, 3 x Programmable Function Keys
Power	
Battery	7.6V, typ. 4200 mAh Li Polymer Battery (2S2P)
Power Rating	19V DC
Adapter	100-240 AC to 19V DC out Adapter (Default), 100W PD Adapter (Optional)
Accessory	
Accessory	Adapter and Power Cord, Standard Battery Pack
Optional Accessory	Desk Dock, Vehicle Dock, Vehicle Cradle, Vehicle Charger, Battery Charger, Hand Strap, Capacitive Stylus, PD Adapter
Barcode Scanner	
Barcode Scanner	1D/2D Barcode Reader (Optional)