



M900AD 8" Windows Rugged Tablet with Intel(R) Core(TM) i5-1235U

Manufacturer part number: M900AD | Windows Rugged Tablets



Explore Winmate M900AD, a rugged tablet PC featuring Intel(R) Core(TM) i5-1235U, 8-inch display with 1280x800 resolution, IP66 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
System Specification	
Processor	Intel(R) Core(TM) i5-1235U, Intel(R) Core(TM) 5 processor 120U (Optional)
Memory	8GB (Default), 16GB (Optional)
Storage	256GB SSD (Default), 512GB SSD (Optional), 1TB SSD (Optional)
Security	Trusted Platform Module (TPM) 2.0
Operating System	Windows 11 IoT Enterprise LTSC (64 bit) (Default), Windows 10 IoT Enterprise LTSC (64 bit) (Optional)
WLAN	Support
BT	Support
WWAN	4G LTE (Optional), 5G (Optional)
GNSS	GPS, GLONASS
RFID	HF RFID 13.56 MHz reader (Optional)
Sensors	Light sensor/ G-sensor / Gyro
Camera	
Front Camera	2MP Front Camera
Rear Camera	8MP Rear Camera with Autofocus and LED Light
Mechanical	
Dimension	226.5 x 147.8 x 26.8 mm
Weight	1.0 kg with battery
Cooling System	Fan Design

IO Ports	
USB Port	1 x USB 3.0 (Type A), 2 x USB 3.0 (Type C, Lockable, support Power Delivery 20V In and ALT mode)
LAN	1 x RJ45-10/100/1000 GigaLAN port
Audio	Dual Digital Mic, Dual Speaker
SIM Card Slot	1 x Nano SIM card slot
Indicator	4x LED Indicator for Power, Battery, HDD, RF status
Docking Connector	1 x 19-pin docking connector
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 (-22 deg F to 158 deg F)
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 Procedure IV, 5 ft
IP rating	IP66
EMC	USA:, MIL-STD-461G CE101, CE102, RE101, RE102, CS118(Default), MIL-STD-461G CS101, CS114, CS115, CS116, RS101, RS103 (Optional), MIL-STD-461G RE102 Ground Army Grade (Optional), NATO:, STANAG 4370/AECTP501 NCE01, NCE02, NRE01, NRE02, NCS12(Default), STANAG 4370/AECTP501 NCS01, NCS07, NCS08, NCS09, NRS01, NRS02 (Optional), STANAG 4370/AECTP501 NRE02-2 Land Environment (Optional)
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	Hot-swappable 11.55V, typ. 3220 mAh Li Polymer Battery (3S1P)
Battery Operating Time	Standard. Battery: 6 hours
Power Rating	20V DC
Adapter	100-240V, 50-60Hz / 20V DC
Accessory	
Accessory	Adapter and Power Cord , Standard Battery
Optional Accessory	Battery Charger (Optional), Vehicle Charger (Optional), Hand Strap (Optional), Lockable USB-C cable (Optional), Capacitive Stylus (Optional)