



W10IW8M-RTD1ML 10.1" Intel(R) Core(TM) i5-8265U Defence Ultra Rugged Tablet

Manufacturer part number: W10IW8M-RTD1ML | Defence Ultra Rugged Tablets



Explore Winmate W10IW8M-RTD1ML, a rugged tablet PC featuring Intel(R) Core(TM) i5-8265U, 10.1-inch display with 1920x1080 resolution...

Display	
Touch / Glass	Projected Capacitive Multi Touch Screen
Size	10.1 inches
Resolution	1920x1080
Panel Brightness	800.0 nits
Contrast Ratio	800:1
View Angles	85,85,85,85
System Specification	
Processor	Intel Core i5-8265U 1.6GHz (up to 3.9GHz)
Memory	4GB SODIMM DDR4-2400 (Default), 8GB SODIMM DDR4-2400 (Optional), 16GB SODIMM DDR4-2400 (Optional)
Storage	1 x 128GB M.2 SSD (Default), 256GB M.2 SSD (Optional), 512GB M.2 SSD (Optional)
Security	TPM 2.0
Operating System	Windows 10 IoT Enterprise (64 bit) (Default), Linux Ubuntu 20.04 (Optional)
WLAN	Support
BT	Support
WWAN	4G/ LTE or 3G (Optional)
GNSS	Supports GPS (Default), GLONASS, Galileo, BeiDou (Optional)
Mechanical	
Dimension	266 x 222 x 50.5 mm
Weight	2.4 kg
Enclosure	Magnesium Alloy Housing with All-Around Elastomeric Rubber
Cooling System	Fanless Design
Power	
Battery	11.1V, 5200mAh Lithium-Ion Battery (6cells)
Battery Operating Time	8 Hours
Power Rating	9-36V DC in (MIL-DTL-38999/1 connector)
Adapter	100-240V, 50-60Hz / 19V DC

Environment	
Operating Humidity	10% to 90% RH, non-condensing
Operating Temperature	-20 deg C to 60 deg C (AC mode), -10 deg C to 50 deg C (Battery mode)
Storage Temperature	-30 deg C to 70 deg C (-22 deg F to 158 deg F)
Shock	USA: MILSTD810H Method 516.8 Procedure I , , NATO: STANAG 4370/AECTP400 Edition 3 Method AECTP, 402-Procedure I (Optional)
Vibration	USA: MILSTD810H Method 514.8 Procedure I , , NATO: STANAG 4370/AECTP400 Edition 3 Method AECTP, 401-Procedure I (Optional)
Drop	USA: MILSTD810H Method 516.8, 4 ft , , NATO: STANAG 4370/AECTP400 Edition 3 Method AECTP 404- Procedure II, 4 ft (Optional)
IP rating	IP54
TEMPEST	USA: NSA NSTISSAM TEMPEST/192 (Optional), NATO: SDIP27 (Optional)
Certification	
Certification	CE, FCC
Control	
Button	1 x Power, 1 x Menu, 2 x Function Key,, 2 x Brightness Control Key
Accessory	
Accessory	Adapter and PowerCord , Standard Battery , Stylus , Stand with Integrated Handle , Power/RS232 External Cable, LAN/USB2.0 External Cable
Optional Accessory	Kickstand (Optional), Vehicle Charger (Optional), Battery Charger (Optional), Shoulder Strap (Optional), Carry Bag (Optional), Stylus (Optional)
IO Ports	
USB Port	2 x USB 3.0
Serial Port	1 x RS232/RS422 /485 + 1 x RS422 Port(MIL-STD-38999 connector)
LAN	2 x RJ45-10/100/1000 Mbps LAN(MIL-STD-38999 connector)
Video	1 x HDMI
Audio	2 x 1 Watt Speaker
Indicator	4x LED Indicator for Power, Battery, SSD, RF status