

# M101AD

## 10.1" Windows Rugged Tablet PC with Intel® Core™ i5-1235U



### KEY FEATURES

- Intel® Core™ i5-1235U Alder Lake processor
- 10.1" 1920 x 1200 IPS LED Panel with direct optical bonding
- Sunlight readable with antiglare solution
- Hot-swappable battery design
- USB TypeC port support PD 3.0 and ALT mode
- Integrated GigaLAN Port
- MIL-STD-461G and MIL-STD-810H Compliant
- IP65 waterproof and dustproof



### SPECIFICATIONS

Display	
<b>Resolution</b>	1920x1200
<b>Contrast Ratio</b>	800:1
<b>View Angles</b>	85,85,85,85
<b>Viewability</b>	Anti-Glare touch treatment
<b>Size</b>	10.1 inches
<b>Panel Brightness</b>	800.0 nits
<b>Type</b>	Projected Capacitive Multi Touch
<b>Bonding</b>	Optical Bonding for Sunlight Viewability
System Specification	
<b>Processor</b>	Intel Core i5-1235U (up to 4.4GHz)
<b>Memory</b>	8GB DDR5 SDRAM 16GB DDR5 SDRAM (Optional) 32GB DDR5 SDRAM (Optional)
<b>Storage</b>	256GB M.2 NVMe SSD Additional storage available with micro SDXC card slot (Optional) 512GB M.2 NVMe SSD (Optional) 1TB M.2 NVMe SSD (Optional) 2TB M.2 NVMe SSD (Optional)
<b>Security</b>	Trusted Platform Module (TPM) 2.0 Kensington Lock
<b>Operating System</b>	Windows 10 IoT Enterprise LTSC (64 bit) Windows 11 IoT Enterprise SAC (64 bit) (Optional)
<b>WLAN</b>	Support
<b>BT</b>	Support
<b>WWAN</b>	4G LTE (Optional) 5G (Optional)
<b>GNSS</b>	GPS, GLONASS
<b>RFID</b>	HF RFID reader 13.56 MHz (Optional)
<b>Sensors</b>	Light sensor/ G-sensor / Gyro
Camera	
<b>Front Camera</b>	2MP Front Camera
<b>Rear Camera</b>	8MP Rear Camera with auto-focus and LED light
Mechanical	
<b>Dimension</b>	271.5 x 198.2 x 23.3 mm
<b>Weight</b>	1.2 kg
<b>Cooling System</b>	Fan design
IO Ports	
<b>USB Port</b>	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type-C support Power Delivery 20V In and ALT mode)
<b>SD Card Slot</b>	1 x Micro SDXC slot
<b>SIM Card Slot</b>	1 x Micro SIM card slot
<b>Audio</b>	1 x Audio combo 3.5mm audio combo jack Dual Digital Mic With Noise Cancellation Dual Speaker
<b>LAN</b>	1 x RJ45-10/100/1000 GigaLAN port
<b>Indicator</b>	4x LED Indicator for Power, Battery, HDD, RF status

**Docking Connector** 1 x 19-pin docking connector

### Environment

<b>Operating Humidity</b>	10% to 90% RH, non-condensing	<b>Operating Temperature</b>	-20°C to 60°C
<b>Storage Temperature</b>	-30°C to 70°C (-22°F to 158°F)	<b>Shock</b>	MIL-STD-810H Method 516.8 Procedure I
<b>Vibration</b>	MIL-STD-810H Method 514.8 Procedure I	<b>IP rating</b>	IP65
<b>Drop</b>	MIL-STD-810H Method 516.8, 4 ft	<b>EMC</b>	MIL-STD-461G CE101, CE102, RE101, RE102, CS118 (Default) MIL-STD-461G CS101, CS114, CS115, CS116, RS101, RS103 (Optional)

### Certification

**Certification** CE, FCC

### Security Function

**SOTI MobiControl** SOTI MobiControl Compliance      **Kensington Lock** Kensington Lock Support

### Control

**Button** 1 x Power, 1 x Home  
2 x volume key  
2 x Programmable function Keys

### Power

<b>Battery</b>	Hot-swappable 11.55V, typ. 4558 mAh Li-Polymer Battery (3S2P)	<b>Battery Operating Time</b>	Standard. Battery: 8 hours
<b>Power Rating</b>	19V DC	<b>Adapter</b>	100-240V, 50-60Hz / 19V DC

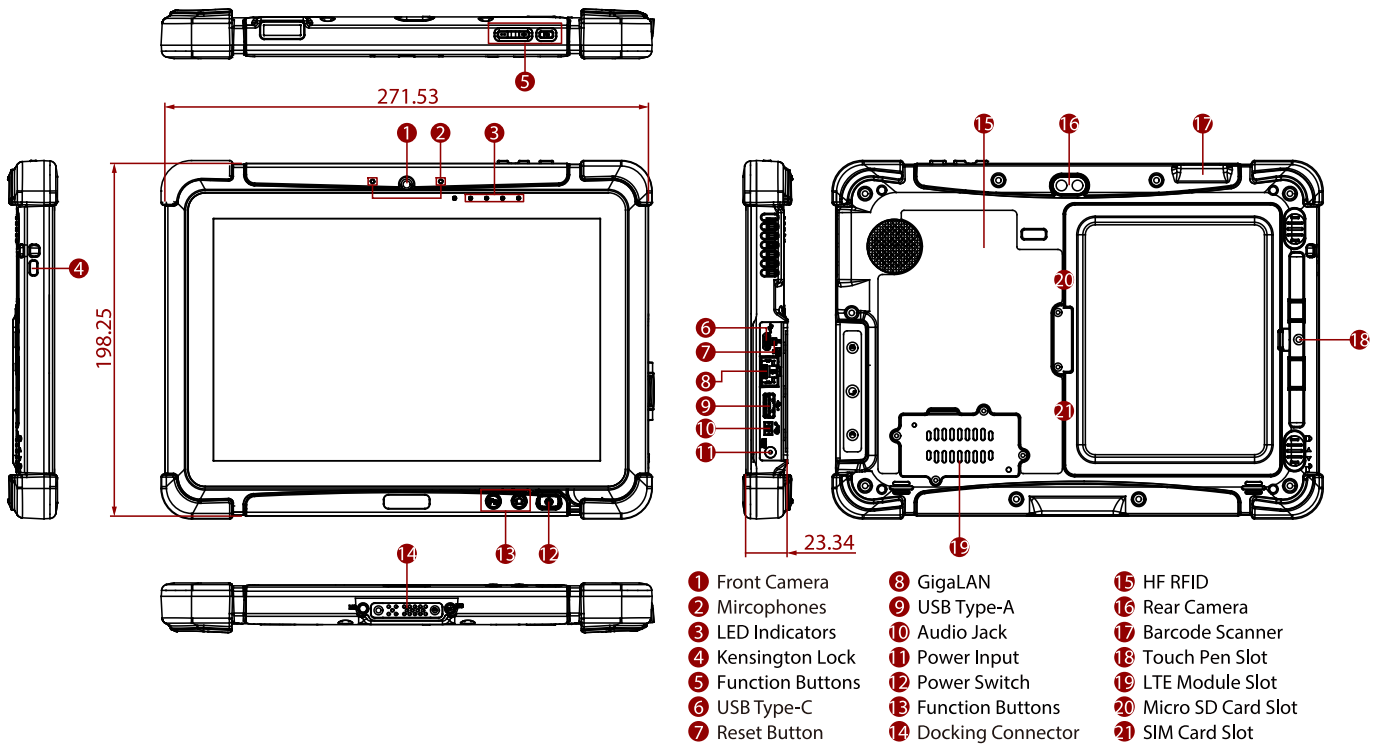
### Accessory

<b>Accessory</b>	Adapter and Power Cord Capacitive Stylus Standard Battery	<b>Optional Accessory</b>	Desk Dock (Optional) Vehicle Dock (without VGA output) (Optional) Vehicle Cradle (Optional) Vehicle Charger (Optional) Vehicle Charger (Optional) High Capacity Battery (Optional) Hand Strap (Optional) Shoulder Strap (Optional) Carry Bag (Optional)
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### Barcode Scanner

**Barcode Scanner** 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.