

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 | | | |
|--------------------------|---|-------------------------|--|
| Resolution | 1920x1200 | Size | 10.1 inches |
| Contrast Ratio | 800:1 | Panel Brightness | 800.0 nits |
| View Angles | 85,85,85,85 | Type | Projected Capacitive Multi Touch |
| Viewability | Anti-Glare touch treatment | Bonding | Optical Bonding for Sunlight Viewability |
| System Specification | | | |
| Processor | Intel Core i5-1235U (up to 4.4GHz) | Memory | 8GB DDR5 SDRAM 16GB DDR5 SDRAM (Optional) 32GB DDR5 SDRAM (Optional) |
| Storage | 256GB M.2 NVMe SSD Additional storage available with micro SDXC card slot 512GB M.2 NVMe SSD (Optional) 1TB M.2 NVMe SSD (Optional) 2TB M.2 NVMe SSD (Optional) | Security | Trusted Platform Module (TPM) 2.0 Kensington Lock |
| Operating System | Windows 10 IoT Enterprise LTSC (64 bit) Windows 11 IoT Enterprise LTSC (64 bit) (Optional) | WLAN | Support |
| BT | Support | WWAN | 4G LTE (Optional) 5G (Optional) |
| GNSS | GPS, GLONASS | RFID | HF RFID reader 13.56 MHz (Optional) |
| Sensors | Light sensor/ G-sensor / Gyro | | |
| Camera | | | |
| Front Camera | 2MP Front Camera | Rear Camera | 8MP Rear Camera with auto-focus and LED light |
| Mechanical | | | |
| Dimension | 271.5 x 198.2 x 23.3 mm | Weight | 1.2 kg |
| Cooling System | Fan design | | |
| IO Ports | | | |
| USB Port | 1 x USB 3.0 (Type A), 1 x USB 3.0 (Type-C support Power Delivery 20V In and ALT mode) | SD Card Slot | 1 x Micro SDXC slot |
| SIM Card Slot | 1 x Micro SIM card slot | Audio | 1 x Audio combo 3.5mm audio combo jack Dual Digital Mic With Noise Cancellation Dual Speaker |
| LAN | 1 x RJ45-10/100/1000 GigaLAN port | 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°C to 60°C |
| Storage Temperature | -30°C to 70°C (-22°F to 158°F) | Shock | MIL-STD-810H Method 516.8 Procedure I |
| Vibration | MIL-STD-810H Method 514.8 Procedure I | IP rating | IP65 |
| Drop | MIL-STD-810H Method 516.8, 4 ft | EMC | 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

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

Power

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|---------------------|--|-------------------------------|----------------------------|
| Battery | Hot-swappable 11.55V, typ. 4558 mAh Li-Polymer Battery (3S2P) Optional 15.4V, typ. 5900 mAh Li-Polymer Battery (4S1P) | Battery Operating Time | Standard. Battery: 8 hours |
| Power Rating | 19V DC | Adapter | 100-240V, 50-60Hz / 19V DC |

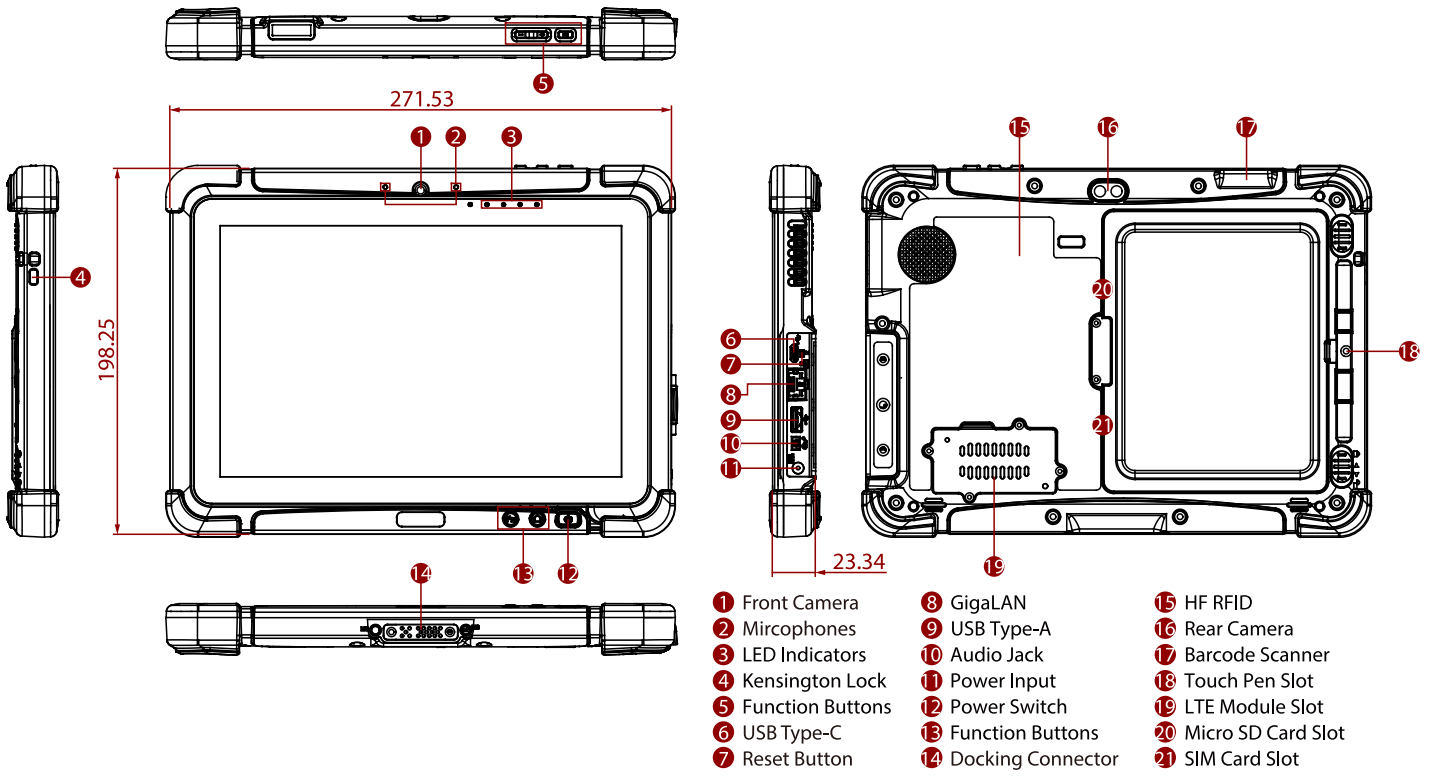
Accessory

| | | | |
|------------------|---|---------------------------|---|
| Accessory | Adapter and Power Cord Capacitive Stylus Standard Battery | Optional Accessory | Desk Dock (Optional) Vehicle Dock (without VGA output) (Optional) Vehicle Cradle (Optional) Vehicle Charger (Optional) High Capacity Battery (Optional) Hand Strap (Optional) Shoulder Strap (Optional) Carry Bag (Optional) |
|------------------|---|---------------------------|---|

Barcode Scanner

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|------------------------|---------------------------------|
| 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.