

M101M8-LA

10.1" Rugged Android Tablet PC



KEY FEATURES

- ARM A53 Octa Core Processor
- 10.1" 1280 x 800 LED Panel with direct optical bonding
- Android 7.0 OS
- NFC Reader
- IP65 waterproof and dustproof
- Rated for extreme temperature use

INTRODUCTION

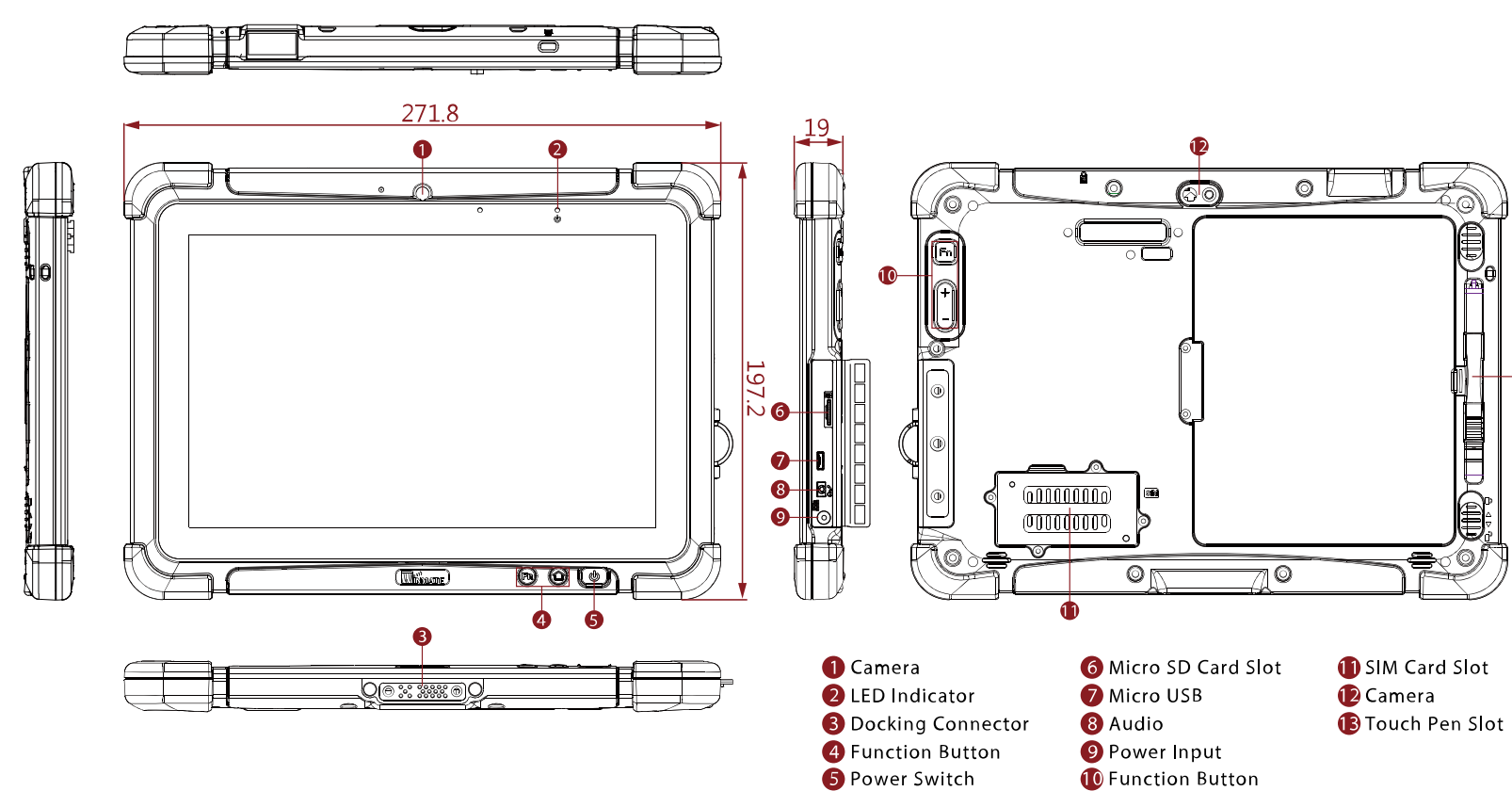
The M101M8-LA offers a rugged solution for industrial applications. With its reliable processing capabilities and durable build, it is suitable for use in demanding environments like field service, maintenance, and logistics.

SPECIFICATIONS

| Display | | | |
|----------------------|---|------------------------|--|
| Resolution | 1280x800 | Size | 10.1 inches |
| Contrast Ratio | 1000:1 | Panel Brightness | 350.0 nits |
| View Angles | 85,85,85,85 | Type | Projected Capacitive Multi Touch |
| Touch Mode | Support Hand / Gloves and Rain Mode | Bonding | Optical Bonding for Sunlight Viewability |
| System Specification | | | |
| Processor | ARM A53 (Octa-Core 1.3 GHz) | Memory | 2GB |
| Storage | 16GB | Operating System | Android 7.0 |
| WLAN | Support | BT | Support |
| WWAN | Built-in UMTS 850/900 FDD-LTE b2/b4/b5/b13/b17 | GNSS | GPS/AGPS |
| RFID | Default NFC (Read / Write, Peer to Peer mode) | Sensors | Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors |
| Camera | | | |
| Front Camera | 2MP Camera | Rear Camera | 8MP Camera with LED Auxiliary Light (Auto Focus) |
| Mechanical | | | |
| Dimension | 271.8 x 197.2 x 19 mm | Weight | 1.0 kg |
| IO Ports | | | |
| USB Port | 1 x Micro USB2.0 OTG | SD Card Slot | 1 x Micro SD Card Slot |
| SIM Card Slot | 1 x SIM Card Slot | Audio | 1 x Audio Combo connector (Mic in or Line Out) 1 x Built-in Mic 2 x Speaker |
| Indicator | 2 x LED Indicators (Power, Battery) | Docking Connector | 1 x Docking Connector |
| Environment | | | |
| Operating Humidity | 5% to 95% RH, Non-Condensing | Operating Temperature | -20°C to 60°C |
| Storage Temperature | -30°C to 70°C | Shock | MIL-STD-810G Method 516.6 Procedure I |
| Vibration | MIL-STD-810G Method 514.6 Procedure I | IP rating | IP65 |
| Drop | MIL-STD-810G Method 516.6, 4 ft | | |
| Certification | | | |
| Certification | CE, FCC | | |
| Control | | | |
| Button | 1 x Volume +/-, 1 x Home Button, 1 x Return Button, 1 x Power Button, 1 x Function Button | | |
| Power | | | |
| Battery | 7.4V 5140 mAh(38W) (Default) Hotswappable Function (Optional) | Battery Operating Time | 10Hr |
| Power Rating | 12-19V | Adapter | 12V 3A Adapter |
| Security Function | | | |
| SOTI MobiControl | SOTI MobiControl Compliance | Kensington Lock | Kensington Lock |
| Accessory | | | |
| Accessory | Adapter and Power Cord Standard Battery Capacitive Stylus Micro USB Cable | Optional Accessory | Desk Dock Vehicle Dock (without VGA output) Vehicle Cradle Battery Charger Hand Strap VESA Mount Kit Shoulder Strap Carry Bag Vehicle Charger Micro SD Card |
| Barcode Scanner | | | |
| Barcode Scanner | 1D/2D Barcode Reader (Optional) | | |

DIMENSIONS UNIT:MM

Winmate M101M8-LA



NOTE

- Total usable memory will be less dependent upon actual system configuration.
- SOTI is available upon request.
- Length measurements do not include protrusions. Weight varies with options.
- Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
- All the accessories are compliant with M101M4 series. Accessories and Integrated Options may vary depending on your configuration.
- This is a simplified drawing and some components are not marked in detail.
- 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.