

M101TG

10.1" Windows Rugged Tablet PC with Intel® Core™ i5- 1135G7



KEY FEATURES

- 10.1" 1920 x 1200 IPS LED Panel with direct optical bonding
- Intel® Core™ i5-1135G7 Tiger Lake processor
- IP65 waterproof and dustproof, MIL-STD-810H shock, vibration and drop resistance
- Sunlight readable with antiglare solution
- Hotswappable battery design
- USB Type-C port support power delivery 20V In



SPECIFICATIONS

Display	
Resolution	1920x1200
Contrast Ratio	800:1
View Angles	85,85,85,85
Viewability	Anti-Glare touch treatment
Size	10.1 inches
Panel Brightness	800 nits
Type	Projected Capacitive Multi Touch
Bonding	Optical Bonding for Sunlight Viewability
System Specification	
Processor	Intel® Core™ i5-1135G7 @ 2.40GHz, up to 4.20GHz 8M Cache; 4 cores
Memory	4GB DDR4 SDRAM 8GB DDR4 SDRAM (Optional) 16GB DDR4 SDRAM (Optional) 32GB DDR4 SDRAM (Optional)
Storage	128GB SSD Additional storage available with micro SDXC card slot 256GB SSD (Optional) 512GB SSD (Optional) 1TB SSD (Optional) 2TB SSD (Optional)
Security	Trusted Platform Module (TPM) 2.0 Kensington Lock
Operating System	Windows 10 IoT Enterprise LTSC (64 bit) Windows 11 IoT Enterprise SAC (64-bit) (Optional)
WLAN	Support
BT	Support
WWAN	4G LTE (Optional)
GNSS	GPS, GLONASS
RFID	HF RFID (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	271.8 x 197.2 x 21 mm
Weight	1.3 kg (2.86 lbs) with standard battery
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)
SD Card Slot	1 x Micro SDXC slot
SIM Card Slot	1 x Micro SIM card slot
Video	1 x Micro HDMI (Optional)
Audio	1 x Audio combo 3.5mm audio combo jack Dual Digital Mic With Noise Cancellation Dual Speaker
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 (AC mode), -10°C to 50°C (Battery mode)
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 certified, dustproof and waterproof
Drop	MIL-STD-810H Method 516.8, 4 ft		

Certification

Certification CE, FCC

Security Function

SOTI MobiControl	SOTI MobiControl Compliance	Kensington Lock	Kensington Lock Support
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Control

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

Power

Battery	Hot-swappable 10.8V, typ. 4700 mAh Li-Polymer Battery (3S2P)	Battery Operating Time	Standard. Battery: 8 hours
Power Rating	19V DC	Adapter	100-240V, 50-60Hz / 19V DC

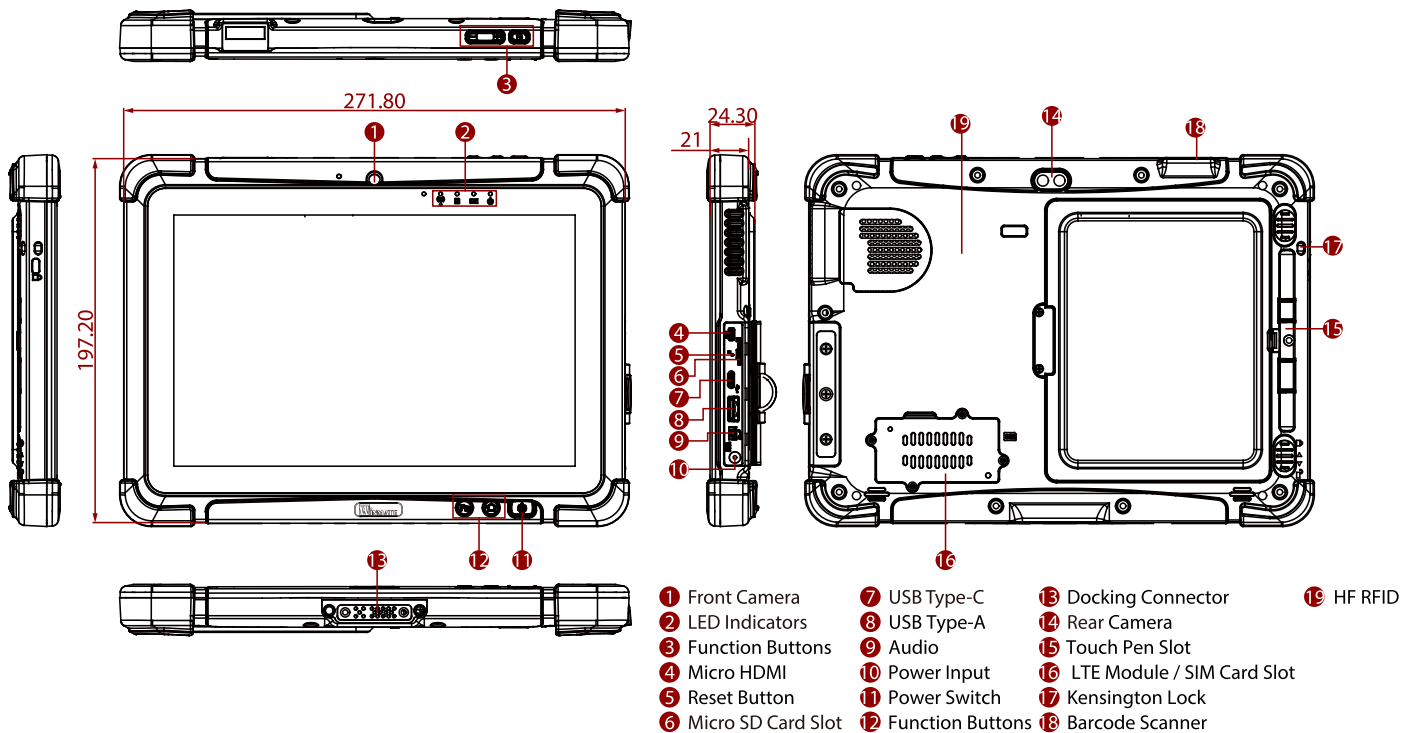
Accessory

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)
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Barcode Scanner

Barcode Scanner 1D/2D barcode reader (Optional)

DIMENSIONS UNIT:MM



NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. The USB Type-C connector follows USB 3.0 standard, which does not support Alternate Mode (ALT).
3. Add-on modules require the expansion port option to be usable.
4. TPM 2.0 available upon request.
5. SOTI is available upon request.
6. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
7. Length measurements do not include protrusions. Weight varies with options and active pen.
8. The drop test with a high-capacity battery must come with a hand strap.
9. Accessories and Integrated Options may vary depending on your configuration.
10. This is a simplified drawing and some components are not marked in detail.
11. 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.