S101TG
10.1" Windows Rugged Tablet with Intel® Core™ i5-1135G7

KEY FEATURES

- Windows rugged tablet with 11th generation Intel® Tiger Lake processor
- 1920 x 1200 WUXGA with PCAP touch
- Sunlight readable with anti-glare solution
- IP65 water and dust proof with MIL-STD-810H rugged housing
- 2MP Webcam , 8MP Auto-Focus Rear Camera
- Removable battery with hot-swap function for all day productivity
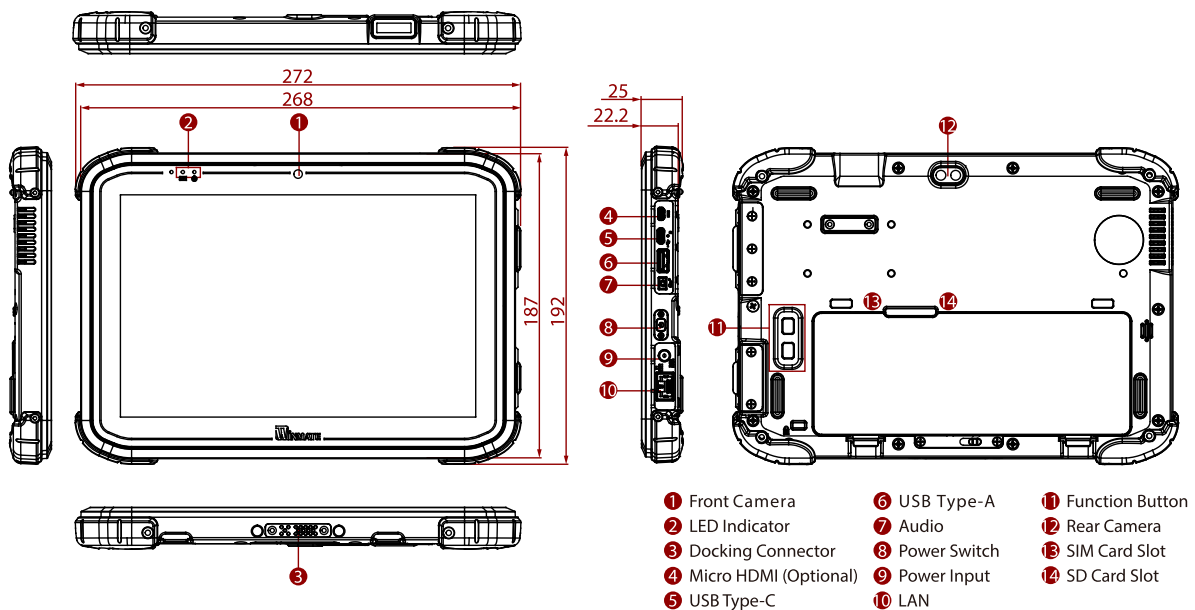- Ethernet thru Giga LAN (RJ45)
- Optional 1D/2D Barcode Reader

CE FC IP65 COMPLIANT MIL-STD 810H

SPECIFICATIONS

Display

Resolution	1920x1200	Size	10.1 inches
Contrast Ratio	800:1	Panel Brightness	800.0 nits
View Angles	85,85,85,85	Bonding	Optical Bonding for Sunlight Viewability
Type	Projected Capacitive Multi Touch	Viewability	Anti-Glare touch treatment
Touch Mode	Support Hand / Gloves and Rain Mode		

System Specification

Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	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) 5G (Optional)
GNSS	GPS, GLONASS	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	272 x 192 x 25 mm	Weight	1.1 kg
Cooling System	Fan design		

IO Ports

USB Port	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type C)	SD Card Slot	1 x Micro SDXC slot
SIM Card Slot	1 x Nano SIM card slot	Video	1 x Micro HDMI (Optional)
Audio	1 x Audio combo 3.5mm audio combo jack (Mic in or Line Out) Dual Mic Built-in Microphone	Expansion Port	1 x Expansion Connector for USB3.0 / UART (Optional)

	Single Speaker		
LAN	1 x RJ45-10/100/1000 GigaLAN port	**Indicator**	2x LED Indicator for Power, Battery
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		

Certification

Certification	CE, FCC

Security Function

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

Control

Button	1 x Power 2 x Programmable function Keys

Power

Battery	11.4V, typ. 3500 mAh Li-Ion Re-chargeable Battery (3S1P) Hot-Swap (Optional)	**Battery Operating Time**	Standard. Battery: 6 hours
Power Rating	19V DC	**Adapter**	100-240V, 50-60Hz / 19V DC

Accessory

Accessory	Adapter and Power Cord Standard Battery	**Optional Accessory**	Vehicle Charger (Optional) Battery Charger (Optional) Hand Strap (Optional) Shoulder Strap (Optional) Carry Bag (Optional) Stylus (Optional)

Barcode Scanner

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

DIMENSIONS   UNIT:MM

1. Front Camera
2. LED Indicator
3. Docking Connector
4. Micro HDMI (Optional)
5. USB Type-C
6. USB Type-A
7. Audio
8. Power Switch
9. Power Input
10. LAN
11. Function Button
12. Rear Camera
13. SIM Card Slot
14. SD Card Slot

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.

Assured Systems

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