

# 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



### OVERVIEW



#### High Performance with Intel's CPU

The S101TG uses the 11th generation Intel® Tiger Lake processor with an efficient cooling system to provide stable performance and low power consumption. The S101TG supports the latest Windows® 10 IoT Enterprise operating system to fulfill increasing industrial applications requirements and offer an alternative solution for those between general consumer-grade and extremely rugged solutions.



#### Real-Time Data and Wireless Connectivity

Real-time data access to the correct information is crucial for mobile workers. The S101 series offers GPS, GLONASS, WLAN, BT, and optional 4G LTE to enable robust communications anytime and anywhere. With a built-in 8MP Auto-focus Camera w/ LED Flash on the rear side, users can capture photos, videos, documents instantly or utilize the front 2.0 MP camera for applications such as self-video recording or video communications.



#### Rugged Design in Mobile Form Factor

The S101 series rugged tablet is designed to be tough and rugged, withstanding shock, vibration, and drop up to 4 ft. according to Defence standard MIL-STD-810H for operations in some of the harshest environments.&nbsp;



#### Brilliant 10.1" Display with Ultimate Touch Capability

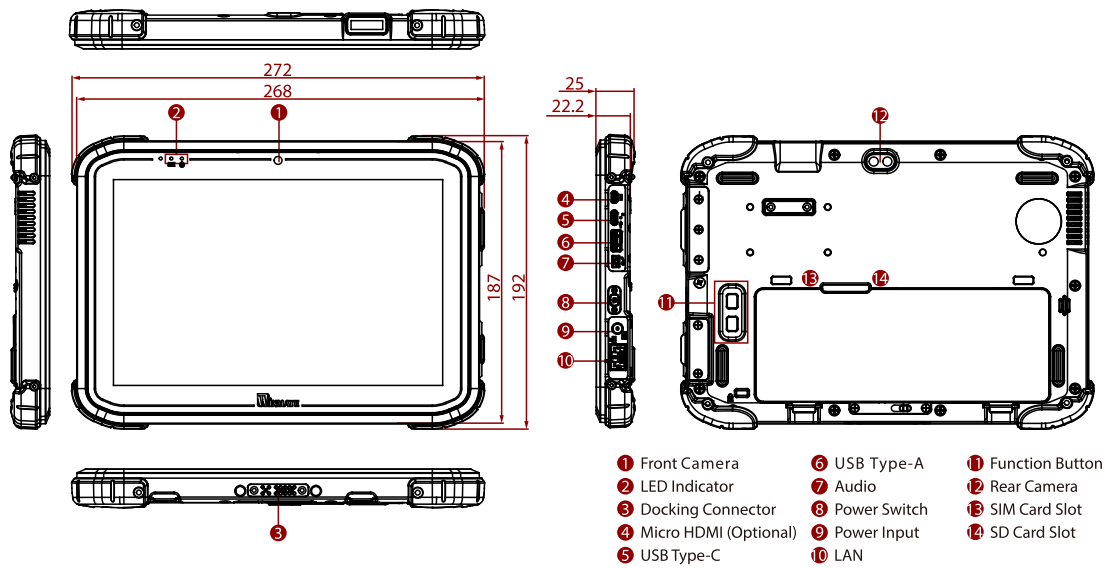
The 10.1" series features projected capacitive (PCAP) multi-touch for the best user experience and allows switching windows, taking snapshots, zooming in, and rotating objects easily to take full advantage of the touch interface. Supports Rain, Glove, Stylus modes.

### SPECIFICATIONS

Display	
Resolution	1920x1200
Contrast Ratio	800:1
View Angles	85,85,85,85
Type	Projected Capacitive Multi Touch
Touch Mode	Support Hand / Gloves and Rain Mode
Size	10.1 inches
Panel Brightness	800.0 nits
Bonding	Optical Bonding for Sunlight Viewability
Viewability	Anti-Glare touch treatment
System Specification	
Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)
Memory	8GB DDR4 SDRAM 16GB DDR4 SDRAM (Optional) 32GB DDR4 SDRAM (Optional)
Storage	256GB SSD
Security	Trusted Platform Module (TPM) 2.0

	Additional storage available with micro SDXC card slot 512GB SSD (Optional) 1TB SSD (Optional) 2TB SSD (Optional)		Kensington Lock
<b>Operating System</b>	Windows 10 IoT Enterprise LTSC (64 bit) Windows 11 IoT Enterprise LTSC (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>Sensors</b>	Light sensor/ G-sensor / Gyro
<b>Camera</b>			
<b>Front Camera</b>	2MP Front Camera	<b>Rear Camera</b>	8MP Rear Camera with auto-focus and LED light
<b>Mechanical</b>			
<b>Dimension</b>	272 x 192 x 25 mm	<b>Weight</b>	1.1 kg
<b>Cooling System</b>	Fan Design		
<b>IO Ports</b>			
<b>USB Port</b>	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type C)	<b>SD Card Slot</b>	1 x Micro SDXC slot
<b>SIM Card Slot</b>	1 x Nano SIM card slot	<b>Video</b>	1 x Micro HDMI (Optional)
<b>Audio</b>	1 x Audio combo 3.5mm audio combo jack (Mic in or Line Out) Dual Mic Built-in Microphone Single Speaker	<b>Expansion Port</b>	1 x Expansion Connector for USB3.0 / UART (Optional)
<b>LAN</b>	1 x RJ45-10/100/1000 GigaLAN port	<b>Indicator</b>	2x LED Indicator for Power, Battery
<b>Docking Connector</b>	1 x 19-pin docking connector		
<b>Environment</b>			
<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>Certification</b>			
<b>Certification</b>	CE, FCC		
<b>Security Function</b>			
<b>SOTI MobiControl</b>	SOTI MobiControl Compliance	<b>Kensington Lock</b>	Kensington Lock Support
<b>Control</b>			
<b>Button</b>	1 x Power 2 x Programmable function Keys		
<b>Power</b>			
<b>Battery</b>	11.4V, typ. 3500 mAh Li-Ion Re-chargeable Battery (3S1P) Hot-Swap (Optional)	<b>Battery Operating Time</b>	Standard. Battery: 6 hours
<b>Power Rating</b>	19V DC	<b>Adapter</b>	100-240V, 50-60Hz / 19V DC
<b>Accessory</b>			
<b>Accessory</b>	Adapter and Power Cord Standard Battery	<b>Optional Accessory</b>	Vehicle Charger (Optional) Vehicle Dock (Optional) Desk Dock (Optional) Battery Charger (Optional) Hand Strap (Optional) Shoulder Strap (Optional) Carry Bag (Optional) Stylus (Optional)
<b>Barcode Scanner</b>			
<b>Barcode Scanner</b>	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.