

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

INTRODUCTION

Winmate S101 Series Windows Rugged Tablet combines robust performance with durable design, powered by Intel® processors for seamless computing. Featuring a 1920 x 1200 WUXGA sunlight-readable display with PCAP touch, these tablets are IP65 rated and MIL-STD-810H certified, ensuring water, dust, and shock resistance. Equipped with dual cameras, hot-swappable batteries, and optional 1D/2D barcode readers, the S101 Series excels in demanding environments such as field service, logistics, and industrial applications, delivering reliable connectivity and all-day productivity.

SPECIFICATIONS

Display

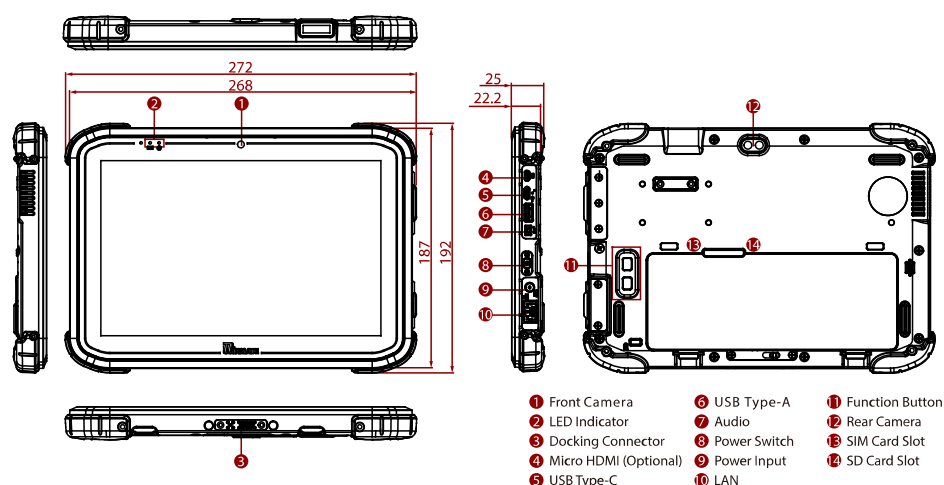
Resolution	1920x1200	Size	10.1 inches
Contrast Ratio	800:1	Panel Brightness	800.0 nits
View Angles	85,85,85,85	Bonding	Optical Bonding for Sunlight Viewability
Type	Projected Capacitive Multi Touch	Viewability	Anti-Glare touch treatment
Touch Mode	Support Hand/Rain, Stylus, Glove Mode		

System Specification

Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2 GHz)	Memory	8GB DDR4 SDRAM 16GB DDR4 SDRAM (Optional) 32GB DDR4 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 11 IoT Enterprise LTSC (64 bit) Windows 10 IoT Enterprise LTSC (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 support Power Delivery 20V In)	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 Single Speaker	Expansion Port	1 x Expansion Connector for USB3.0 / UART (Optional)
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) 11.4V, typ. 4750 mAh Li-Ion Re-chargeable Battery (3S1P) (Optional) Hot-Swap (Optional)	Battery Operating Time	Standard Battery: 6 hours High Capacity Battery: 7.5 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) Vehicle Dock (Optional) Desk Dock (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



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.