

S101G7

10.1" ARM Genio 700 2 x A78 + 6 x A55 Android Rugged Tablet



KEY FEATURES

- 10.1" 1920x1200 LED Panel with PCAP Touch
- Android 13.0
- 4G RAM + 64G eMMC
- ARM Genio 700 2 x A78 2.2GHz + 6 x A55 2.0GHz
- Optional WWAN 4G and 5G
- MIL-STD-810H Shock / Drop / Vibration Compliant
- Optional Barcode Reader and NFC Reader



OVERVIEW



High Computing Performance

Powered by an ARM processor, Winmate's S101G7 Rugged Tablet offers high performance tailored to meet the needs of demanding professional-grade applications.



Real-time Data Connectivity

Accessing real-time information is crucial for mobile users. Winmate's S101G7 Android Rugged Tablet series provides GPS, WLAN, BT, and optional 4G LTE, ensuring users can connect in the way that best suits their needs.



Projected Capacitive Multi-Touch Screen

The S101G7 Rugged Tablet is equipped with Projected Capacitive (P-CAP) Multi-Touch technology for an exceptional user touch experience. It also supports Rain, Glove, and Stylus modes for enhanced versatility.



Rugged Design Built to Survive

The S101G7 Rugged Tablet is engineered to withstand extreme temperatures, drops, shocks, and vibrations. Designed for industrial-grade applications, it meets MIL-STD-810H standards, ensuring resilience in outdoor environments.

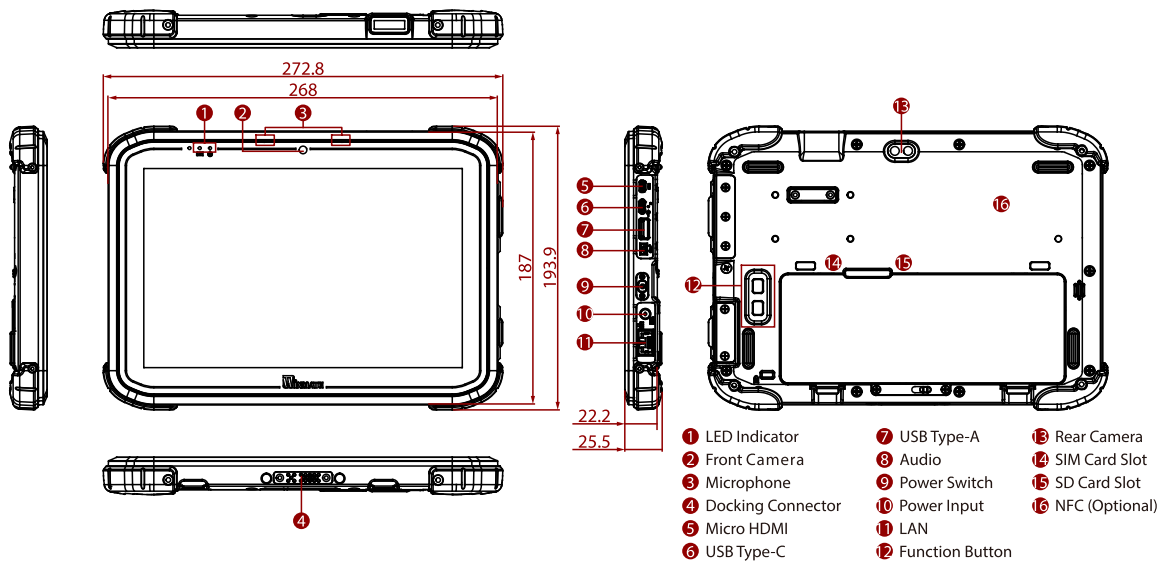


Data Collection Tools for Mobile Workforce

Wimate's S101G7 Rugged Tablet maximizes productivity for field workers with a built-in 13 MP rear camera, an 8 MP front camera, and optional 1D/2D barcode and NFC readers.

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	Genio 700 2 x A78 2.2GHz + 6 x A55 2.0GHz	Memory	4GB
Storage	64GB	Operating System	Android 13.0
WLAN	Support	BT	Support
WWAN	4G (Optional) 5G (Optional)	GNSS	GPS/GLONASS
RFD	NFC (Read / Write, Peer to Peer mode) (Optional)	Sensors	Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors
Camera			
Front Camera	8MP Camera	Rear Camera	13MP Camera with LED Auxiliary Light (Auto Focus)
Mechanical			
Dimension	268 x 187 x 22.2 mm	Weight	1.0 kg
IO Ports			
USB Port	1 x USB Type C OTG (Type C support Power Delivery 20V In) 1 x USB Type A	SD Card Slot	1 x Micro SD Card Slot
SIM Card Slot	1 x SIM Card Slot	Video	1 x Micro HDMI (Optional)
Audio	1 x Audio Combo connector (Mic in or Line Out) 1 x Speaker	LAN	1 x RJ45
Indicator	2 x LED Indicators (Power, Battery)	Docking Connector	1 x 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	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		
Control			
Button	1 x Power Button, 2 x Function button		
Power			
Battery	11.4V, typ. 3500 mAh Li-Ion Battery(39.9Wh), Support Warm Swap function (Optional)	Battery Operating Time	10Hr
Power Rating	19V	Adapter	19V 3.42A Adapter
Security Function			
SOTI MobiControl	SOTI MobiControl Compliance	Kensington Lock	Kensington Lock
Barcode Scanner			
Barcode Scanner	1D/2D Barcode Reader (Optional)		
Accessory			
Accessory	Adapter and Power Cord Standard Battery	Optional Accessory	Hand Strap Shoulder Strap Battery Charger Capacitive Stylus Vehicle Charger Vehicle Docking Carry Bag Desk Dock Micro SD Card HDMI Adapter



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 Mobexx Sales Team for more information.