

S101G7

10.1" ARM Genio 700, Octa-core Android Rugged Tablet



KEY FEATURES

- 10.1" 1920x1200 LED Panel with PCAP Touch
- Android 13.0
- 4G RAM + 64G eMMC
- ARM Genio 700, Octa-core, up to 2.2 GHz
- Optional WWAN 4G and 5G
- MIL-STD-810H Shock / Drop / Vibration Compliant
- Optional Barcode Reader and NFC Reader

INTRODUCTION

Winmate S101 Series Android Rugged Tablet is designed for versatile industrial and field applications, offering durable performance with Android™ 13. Featuring a 10.1" sunlight-readable display with PCAP touch, 8MP front and 13MP rear cameras, and MIL-STD-810H certification, it withstands shocks, drops, and vibrations. Optional features like 1D/2D barcode and NFC readers enhance productivity, while its robust build ensures reliability in logistics, warehousing, and industrial environments, making it the ultimate rugged tablet solution.

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	ARM Genio 700, Octa-core, up to 2.2 GHz	Memory	4GB
Storage	64GB	Operating System	Android 13.0
WLAN	Support	BT	Support
WWAN	4G (Optional) 5G (Optional)	GNSS	GPS/GLONASS
RFID	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)
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Mechanical

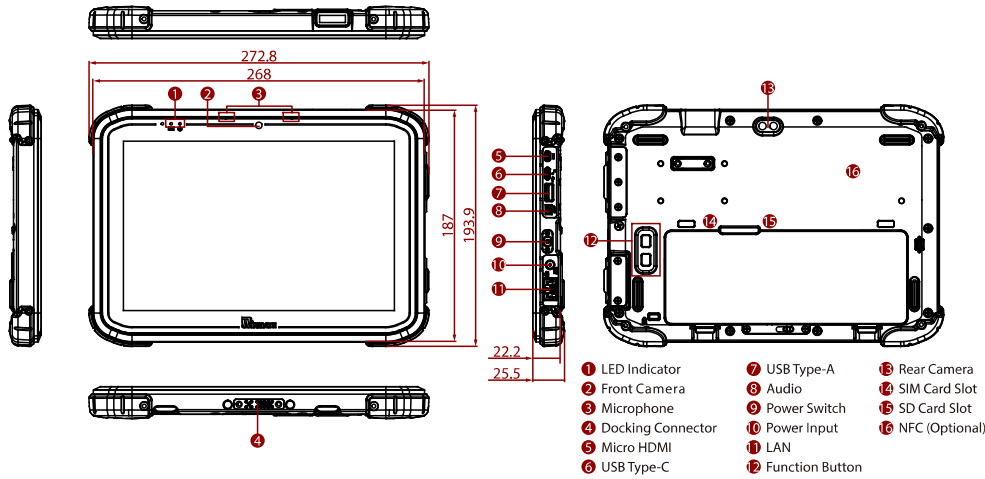
Dimension	268 x 187 x 22.2 mm	Weight	1.0 kg
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IO Ports

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
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SIM Card Slot		1 x SIM Card Slot		Video		1 x Micro HDMI (Optional)	
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(39.9W), 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 Body Strap Battery Charger High Capacity Battery Capacitive Stylus VESA Mount Kit Vehicle Charger Vehicle Cradle Vehicle Docking Carry Bag Desk Dock Micro SD Card	

DIMENSIONS UNIT:MM



- NOTE**
- 1. This is a simplified drawing, and some components are not marked in detail.
 - 2. When the optional accessories "VESA Mount Kit" is installed, the optional NFC must be relocated to the front side, which may result in reduced performance.
 - 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.
 - 5. Please contact our sales representative if you need further product information.