S101TG
10.1" Intel® Core™ i3-1115G4 Rugged Tablet PC

IP SYSTEMES

KEY FEATURES

- 11th generation Intel® Tiger Lake processor
- 1920 x 1200 WUXGA with PCAP touch
- Anti-glare screen protection film
- Sunlight readability technology
- 2MP Webcam , 8MP Auto-Focus Rear Camera
- IP65 waterproof and dustproof
- MIL-STD-810H shock, vibration and drop
- Optional 1D/2D Barcode Reader
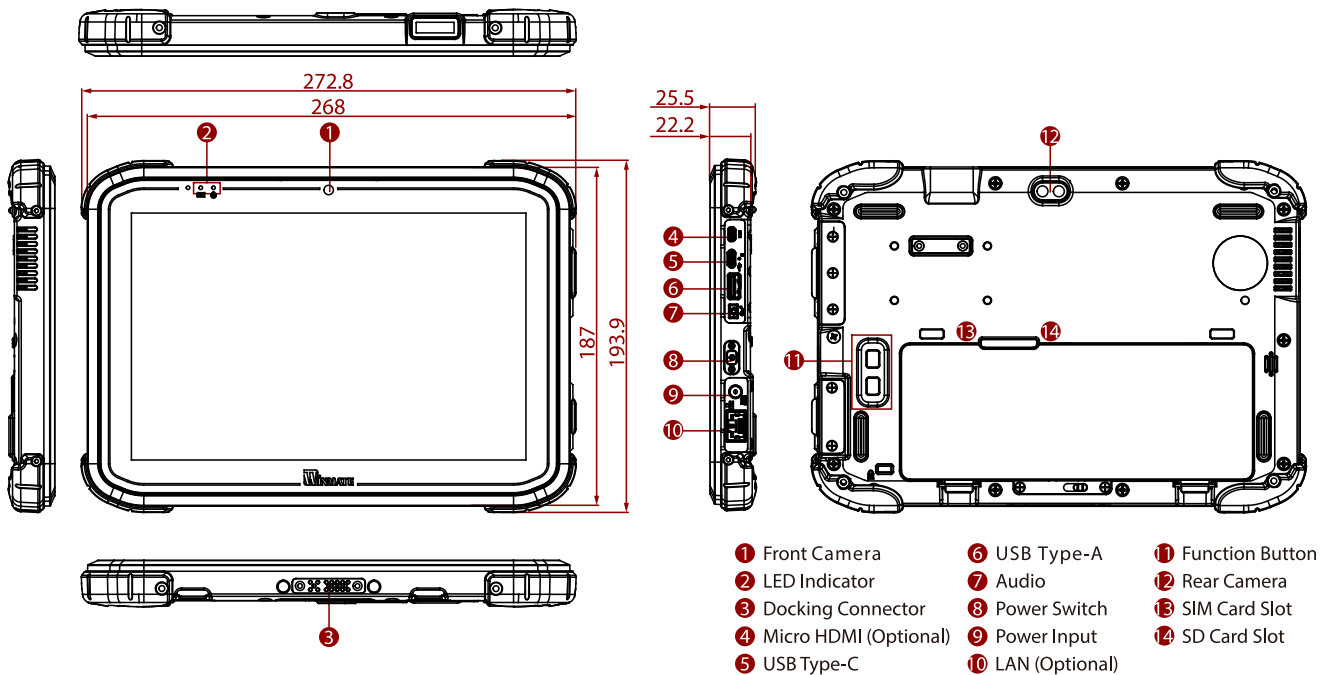- Optional Ethernet thru Giga LAN (RJ45)

CE FC IP65 COMPLIANT MIL-STD 810H

SPECIFICATIONS

Display

Resolution	1920x1200	**Size**	10.1 inches
Contrast Ratio	800:1	**Panel Brightness**	800 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 i3-1115G4 3.0 GHz (turbo boost up to 3.9 GHz) Intel Core i5-1135G7 2.4 GHz (turbo boost up to 4.2 GHz) (Optional)	**Memory**	4GB DDR4 SDRAM 8GB DDR4 SDRAM (Optional) 16GB 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 (64 bit)	**Wi-fi**	Support
BT	Support	**WWAN**	4G LTE (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	266 x 187 x 20.4 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 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)

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 (AC mode), -10°C to 50°C (Battery mode)
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 certified, dustproof and waterproof
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-Polymer Battery (3S1P) Hot-Swap (Optional)	**Battery Operating Time**	Standard. Battery: 8 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

❶ Front Camera	❻ USB Type-A	⓫ Function Button
❷ LED Indicator	❼ Audio	⓬ Rear Camera
❸ Docking Connector	❽ Power Switch	⓭ SIM Card Slot
❹ Micro HDMI (Optional)	❾ Power Input	⓮ SD Card Slot
❺ USB Type-C	❿ LAN (Optional)	

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.

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