M140TGT

14" Intel® Core™ i5-1135G7 Industrial Rugged Tablet Integrated Smart Card Reader

KEY FEATURES

- 11th Gen. Intel® Processor Family – Tiger Lake Processor industrial rugged tablet
- 14-inch tablet, 1920 x 1080 wide viewing angle LED Panel
- Optical bonding and Antiglare technology for sunlight readability
- IP65 water and dust proof with MIL-STD-810H rugged housing
- Hot-swappable battery for wholedaywork
- Integrated Smart Card Reader

SPECIFICATIONS

Display

Bonding	Optical Bonding for Sunlight Viewability	Resolution	1920x1080
Size	14.0 inches	Contrast Ratio	800:1
Panel Brightness	700.0 nits	View Angles	85,85,85,85
Type	Projected Capacitive Multi Touch		

System Specification

Processor	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	Memory	4GB DDR4 SDRAM 8GB DDR4 SDRAM (Optional) 16GB DDR4 SDRAM (Optional) 32GB 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 LTSC (64 bit) Windows 11 IoT Enterprise SAC (64 bit) (Optional)	WLAN	Support
BT	Support	WWAN	4G LTE (Optional) 5G (Optional)
GNSS	GPS, GLONASS (Optional)	RFID	HF RFID reader 13.56 MHz (Optional)
Sensors	Light sensor/ G-sensor / Gyro	Smart Card Reader	Built-in Smart Card Reader, Comply with ISO7816-1.2.3 T=1 and T=Ø protocol

Camera

Front Camera	2MP Front Camera	Rear Camera	8MP Rear Camera with auto-focus and LED light

Mechanical

Dimension	341.91 x 224.67 x 25.4 mm	Weight	1.75 kg
Cooling System	Fan design		

IO Ports

USB Port	2 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 Dual Digital Mic With Noise Cancellation	LAN	1 x RJ45-10/100/1000 GigaLAN port

	Dual Speaker		
Indicator	4x LED Indicator for Power, Battery, HDD, RF status	**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

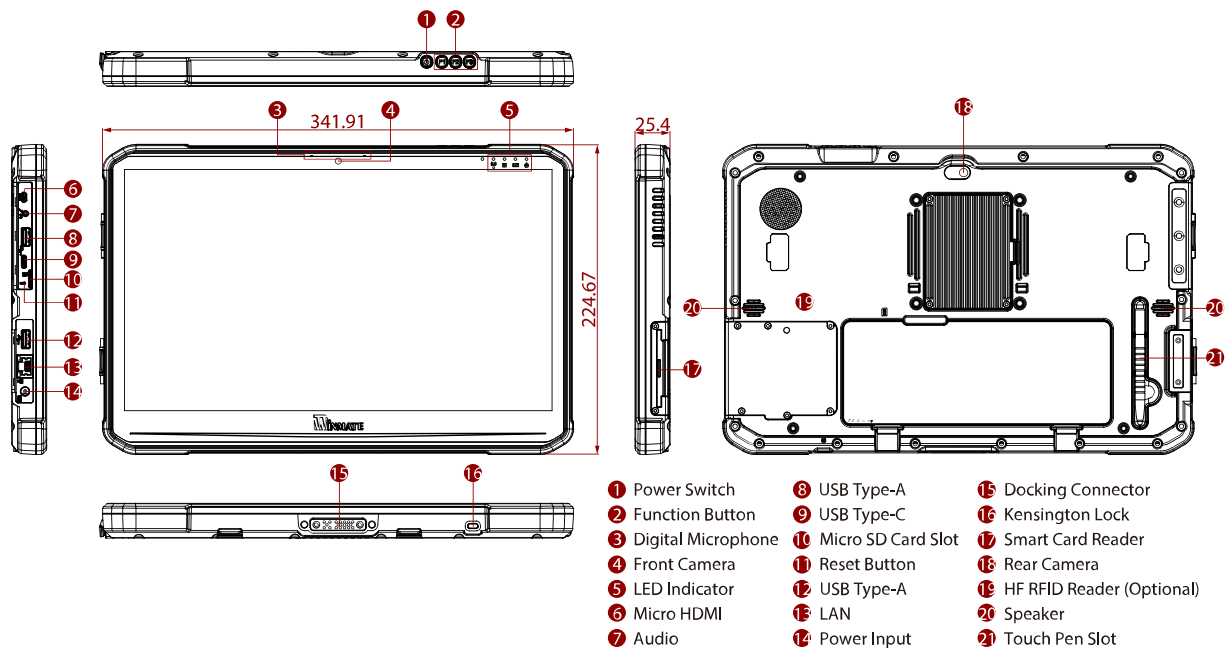|	
Button	1 x Power,3 x function keys

Power

Battery	Internal Battery: 10.8V typ. 2400 mAh Li-Ion Battery Hot-swappable 11.4V, typ. 3500 mAh Li-Ion Rechargeable Battery (3S1P)	**Power Rating**	19V DC
Adapter	100-240V, 50-60Hz / 19V DC		

Accessory

Accessory	Adapter and Power Cord Standard Battery Capacitive Stylus	**Optional Accessory**	Kickstand (Optional) Vehicle Charger (Optional) Battery Charger (Optional) Shoulder Strap (Optional) Carry Bag (Optional)

DIMENSIONS   UNIT:MM

14" Windows Rugged Table

❶ Power Switch	❽ USB Type-A	⓯ Docking Connector
❷ Function Button	❾ USB Type-C	⓰ Kensington Lock
❸ Digital Microphone	❿ Micro SD Card Slot	⓱ Smart Card Reader
❹ Front Camera	⓫ Reset Button	⓲ Rear Camera
❺ LED Indicator	⓬ USB Type-A	⓳ HF RFID Reader (Optional)
❻ Micro HDMI	⓭ LAN	⓴ Speaker
❼ Audio	⓮ Power Input	㉑ Touch Pen Slot

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.

Assured Systems

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US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660