M140TG

14" Intel® Core™ i5-1135G7 Windows Rugged Tablet

KEY FEATURES

- 11th Gen. Intel® Processor Family – Tiger Lake Processor
- 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 whole day work
- Optional integrated Smart Card Reader
- Integrated 75x75 VESA mounting solution
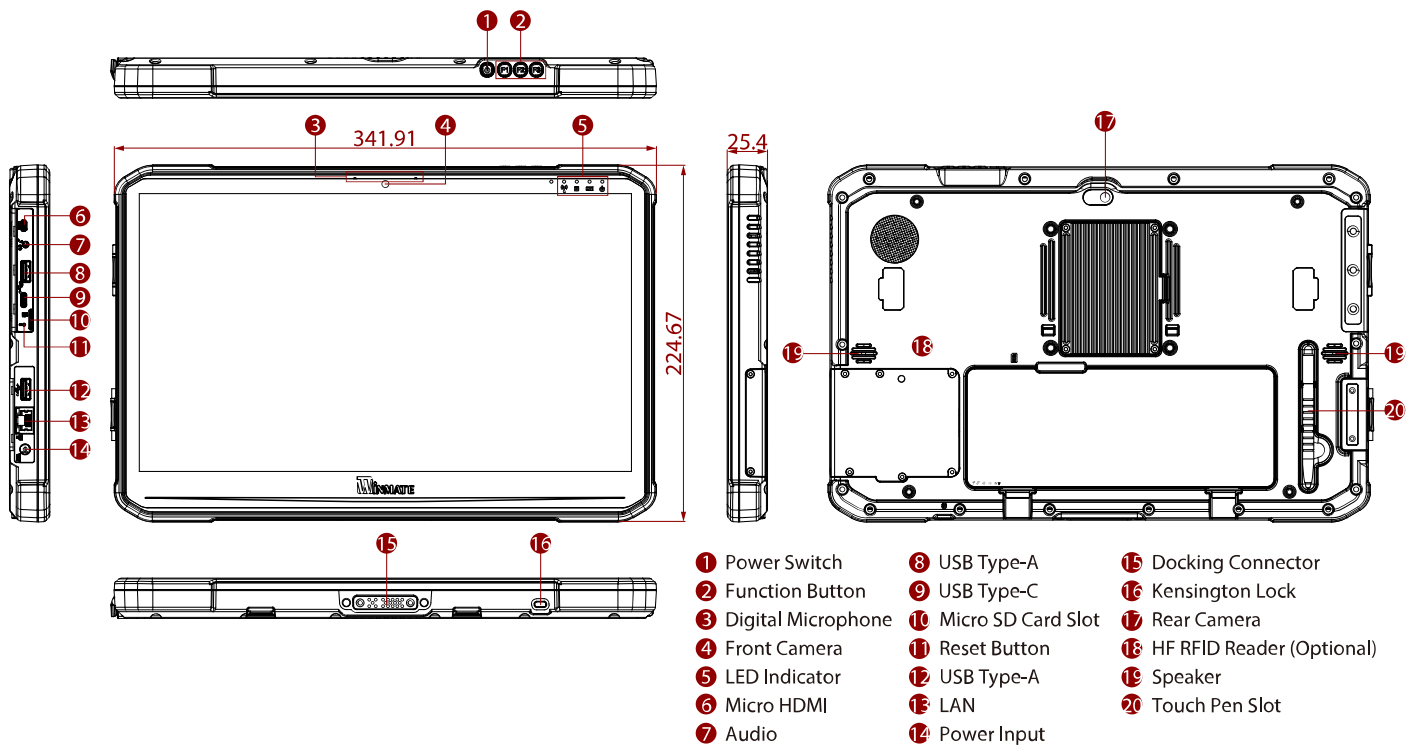- Optional Kick-stand / Hard Handle

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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 LTSC (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	Smart Card Reader Comply with ISO7816-1.2.3 T=1 and T=Ø protocol (Optional)

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	1.7 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 Dual Speaker	LAN	1 x RJ45-10/100/1000 GigaLAN port
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) Desk Dock (Optional) Shoulder Strap (Optional) Carry Bag (Optional)

DIMENSIONS   UNIT:MM

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 Rear Camera
❹ Front Camera	⓫ Reset Button	⓲ HF RFID Reader (Optional)
❺ LED Indicator	⓬ USB Type-A	⓳ Speaker
❻ Micro HDMI	⓭ LAN	⓴ Touch Pen Slot
❼ Audio	⓮ Power Input	

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.