

# M140TGT

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



CE

FC

## 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

## INTRODUCTION

The Winmate M140 Rugged Tablet Series is built for industrial and field applications requiring durability and performance. Featuring a 14-inch sunlight-readable display with optical bonding and anti-glare technology, it ensures clear visibility in any environment. With IP65-rated water and dust protection, MIL-STD-810H compliance, and a hot-swappable battery for all-day productivity, the M140 is designed for demanding tasks. Optional features like an integrated Smart Card Reader and VESA mounting enhance versatility and usability.

## SPECIFICATIONS

### Display

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

### System Specification

<b>Processor</b>	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	<b>Memory</b>	8GB DDR4 SDRAM 16GB DDR4 SDRAM (Optional) 32GB DDR4 SDRAM (Optional)
<b>Storage</b>	256GB M.2 NVMe SSD Additional storage available with micro SDXC card slot 512GB M.2 NVMe SSD (Optional) 1TB M.2 NVMe SSD (Optional) 2TB M.2 NVMe SSD (Optional)	<b>Security</b>	Trusted Platform Module (TPM) 2.0 Kensington Lock
<b>Operating System</b>	Windows 10 IoT Enterprise LTSC (64 bit) Windows 11 IoT Enterprise LTSC (64 bit) (Optional)	<b>WLAN</b>	Support
<b>BT</b>	Support	<b>WWAN</b>	4G LTE (Optional) 5G (Optional)
<b>GNSS</b>	GPS, GLONASS (Optional)	<b>RFID</b>	HF RFID reader 13.56 MHz (Optional)
<b>Sensors</b>	Light sensor/ G-sensor / Gyro	<b>Smart Card Reader</b>	Built-in Smart Card Reader, Comply with ISO7816-1.2.3 T=1 and T=0 protocol

### Camera

<b>Front Camera</b>	2MP Front Camera	<b>Rear Camera</b>	8MP Rear Camera with auto-focus and LED light
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## 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 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		
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## Security Function

SOTI MobiControl	SOTI MobiControl Compliance	Kensington Lock	Kensington Lock Support
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## Control

Button	1 x Power, 3 x function keys		
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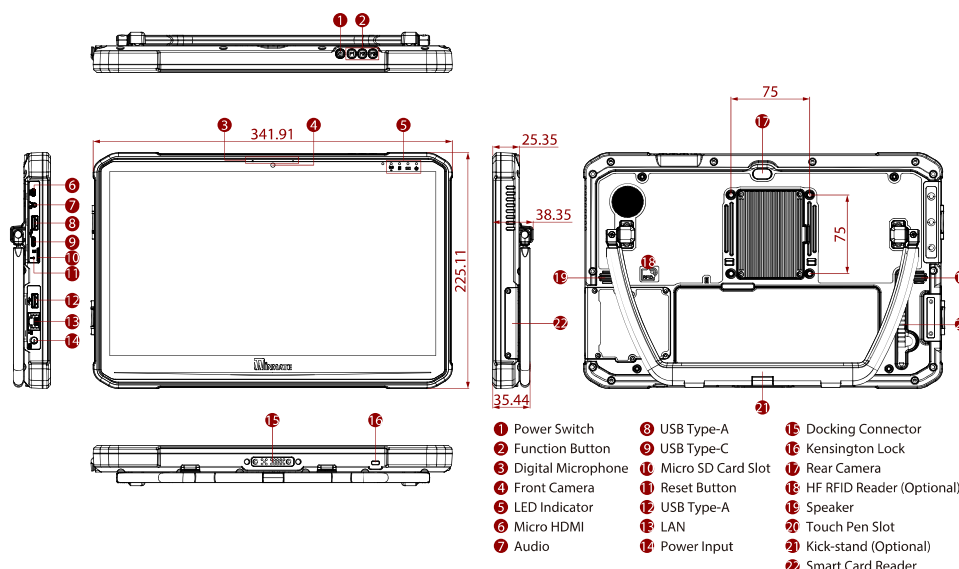
## Power

Battery	Internal Battery: 10.8V typ. 2400 mAh Li-Ion Battery Hot-swappable 11.4V, typ. 3500 mAh Li-Ion Re-chargeable Battery (3S1P) Hot-swappable 11.4V, typ. 4750 mAh Li-Ion Re-chargeable Battery (3S1P) (Optional)	Battery Operating Time	Standard. Battery: 8 hours High Capacity Battery: 12 hours
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) Carry Bag (Optional)
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## DIMENSIONS UNIT:MM



## 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.