

# M133TGML(HB)

## 13.3" Intel® Core™ i5-1135G7 Defence Ultra Rugged Tablet



### KEY FEATURES

- 13.3", 1920 x 1080, 500 nits with optical bonding (optional high brightness 800 nits)
- MIL-STD-38999 connector for LAN/ USB2.0 and Power/ RS232 input
- Projected capacitive multi-touch screen
- Supports Glove/ Rain/ Stylus modes, active stylus
- High efficiency cooling system with fanless design
- MIL-STD-810G Compliant
- With IP65 dust and water-resistant certification

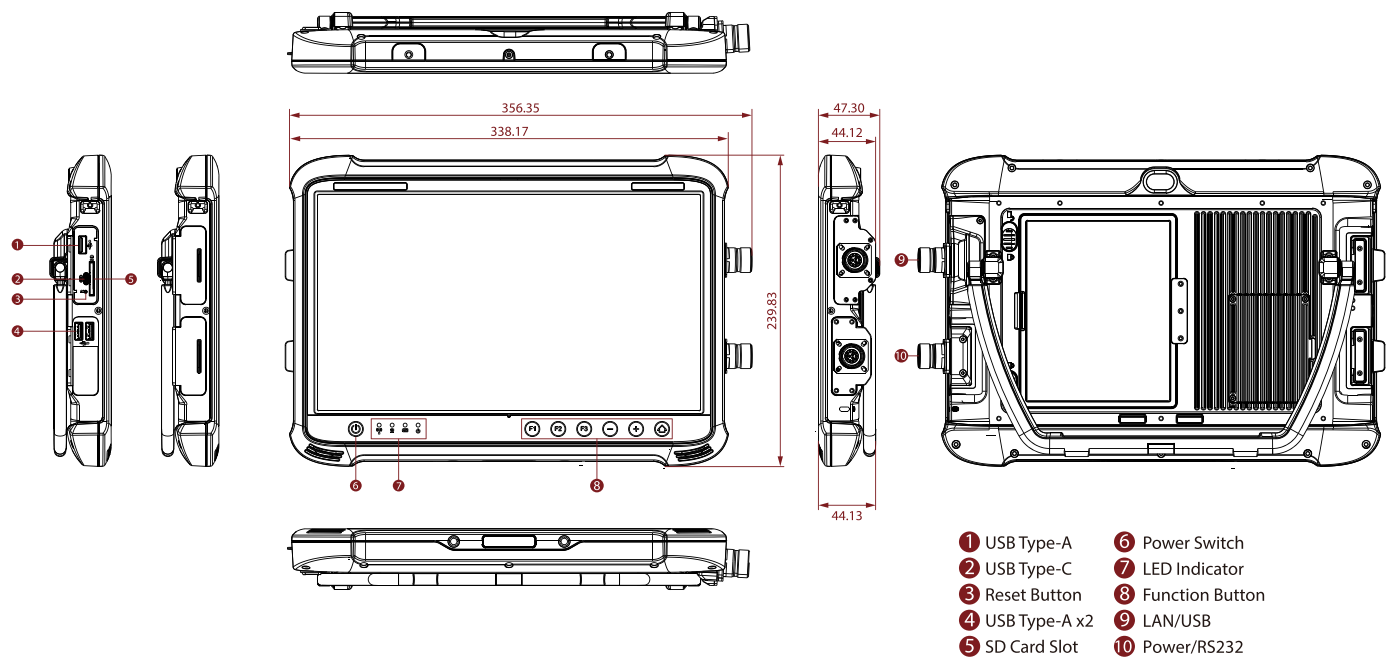


### SPECIFICATIONS

Display			
<b>Touch / Glass</b>	Projected Capacitive Multi Touch Screen	<b>Resolution</b>	1920x1080
<b>Size</b>	13.3 inches	<b>Contrast Ratio</b>	1000:1
<b>Panel Brightness</b>	500 nits 800 nits(Optional)	<b>View Angles</b>	89,89,89,89
System Specification			
<b>Processor</b>	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	<b>Memory</b>	4GB DDR4 SDRAM 8GB DDR4 SDRAM (Optional) 16GB DDR4 SDRAM (Optional) 32GB DDR4 SDRAM (Optional)
<b>Storage</b>	128GB M.2 SSD up to 2TB M.2 SSD (Optional) Storage 2 up to 1x 2TB M.2 SSD (Optional)	<b>Ethernet controller</b>	1 x RJ45-10/100/1000 Mbps LAN
<b>Security</b>	Trusted Platform Module (TPM) 2.0 Kensington Lock	<b>Operating System</b>	Windows 10 IoT Enterprise 64 bit
<b>WLAN</b>	Support	<b>BT</b>	BT Support
<b>WWAN</b>	4G/ LTE(optional)	<b>GNSS</b>	GPS, GLONASS
Camera			
<b>Rear Camera</b>	8MP Rear Camera with auto-focus and LED light		
Mechanical			
<b>Dimension</b>	338.2 x 239.8 x 47.3 mm	<b>Weight</b>	2.4 Kg (Without Kickstand), 2.8 Kg (With Kickstand)
<b>Enclosure</b>	Rear Magnesium Alloy Die-Casting Design	<b>Cooling System</b>	Fanless Design
IO Ports			
<b>USB Port</b>	3 x USB 3.0(Type A), 1 x USB 2.0(MIL-STD-38999 connector),1 x USB 3.1(Type C)	<b>Serial Port</b>	1 x RS-232 Serial COM Port(MIL-STD-38999 connector)
<b>SD Card Slot</b>	1 x Micro SD Card Slot	<b>Video</b>	1 x HDMI (Optional)
<b>Audio</b>	2 x 1 watt speaker Integrated Digital Mic With Noise Cancellation	<b>LAN</b>	1 x RJ45-10/100/1000 Mbps LAN(MIL-STD-38999 connector)
<b>Indicator</b>	4x LED Indicator for Power, Battery, SSD, RF status	<b>Docking Connector</b>	1 x Docking connector
Environment			
<b>Operating Humidity</b>	30% to 80% RH, non-condensing	<b>Operating Temperature</b>	-10°C to 50°C (14°F to 122°F)

<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)	<b>Shock</b>	MIL-STD-810G Method 516.6 Procedure I
<b>Vibration</b>	MIL-STD-810G Method 514.6 Procedure I	<b>IP rating</b>	IP65, Dustproof and Waterproof
<b>Drop</b>	MIL-STD-810G Method 516.6, 4 ft	<b>ESD</b>	ESD (Contact/Air) : 12kV/12kV
<b>Compliance</b>			
<b>MIL-STD 461E/F/G</b>	RE101 / RE102 CE101 / CE102 CS118 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	<b>MIL-STD 810G</b>	Vibration Method 514.6 Humidity Method 507.4 Transit Drop Method 516.5
<b>Certification</b>			
<b>Certification</b>	CE,FCC		
<b>Security Function</b>			
<b>Kensington Lock</b>	Kensington Lock Support		
<b>Control</b>			
<b>Button</b>	1 x Power, 1 x menu, 2 x volume key 3 x Programmable Function Keys		
<b>Power</b>			
<b>Battery</b>	15.4V, typ. 5900 mAh Li-Polymer Battery (4S1P)	<b>Battery Operating Time</b>	More than 10 hours (BAPCo TabletMark v3)
<b>Power Rating</b>	24V DC(MIL-STD-38999/1 connector)	<b>Adapter</b>	100-240V, 50-60Hz / 24V DC
<b>Accessory</b>			
<b>Accessory</b>	Adapter and PowerCord Standard Battery Stylus Stand with Integrated Handle Power/RS232 External Cable LAN/USB2.0 External Cable	<b>Optional Accessory</b>	Shoulder Strap (Optional) Battery Charger (Optional) Active Pen (Optional)

**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.