M133MT

13.3” Intel® Core™ Ultra 5 125U Industrial Ultra Rugged Tablet



KEY FEATURES

- 13.3” 1920 x 1080 IPS wide viewing angle LED panel
- Intel® Core™ Ultra 5 125U processor
- Removeable kickstand usable as carrying handle
- Magnesium alloy housing with allaround elastomeric rubber
- IP65 waterproof and dustproof
- Fanless cooling system

INTRODUCTION

Winmate M133MT is a 13.3-inch Intel® Core™ Ultra 5 125U Industrial Ultra Rugged Tablet engineered for field service, inspection, and industrial mobility. It combines Intel® Core™ Ultra 5, 13.3-inch display with 1920x1080 resolution, and IP65 to support reliable operation in harsh industrial environments. With 13.3” 1920 x 1080 IPS wide viewing angle LED panel, the M133MT helps OEMs, system integrators, and project teams deploy durable, configurable solutions for demanding field, factory, and mission-critical applications.

SPECIFICATIONS

Display

Resolution	1920x1080	**Size**	13.3 inches
Contrast Ratio	1000:1	**Panel Brightness**	500.0 nits
View Angles	89,89,89,89	**Type**	Projected Capacitive Multi Touch
Bonding	Optical Bonding for Sunlight Viewability		

System Specification

Processor	Intel Core Ultra 5 processor 125U 2.1 GHz (up to 4.3 GHz)	**Memory**	8GB (Default) 16GB (Optional) 32GB (Optional)
Storage	128GB SSD Additional storage available with micro SDXC card slot (Default) 256GB SSD (Optional) 512GB SSD (Optional) 1TB SSD (Optional) 2TB SSD (Optional)	**Security**	Trusted Platform Module (TPM) 2.0 Kensington Lock
Operating System	Windows 11 IoT Enterprise LTSC (64 bit) (Default) Windows 10 IoT Enterprise LTSC (64 bit) (Optional)	**WLAN**	Support
BT	Support	**WWAN**	4G LTE (Optional)
GNSS	GPS, GLONASS	**RFID**	HF RFID reader 13.56 MHz (Optional)

Mechanical

Dimension	338.2 x 239.8 x 33.8 mm	**Weight**	2.4 Kg (Without Kickstand), 2.5 Kg (With Kickstand)
Cooling System	Fanless Design		

IO Ports

USB Port	3 x USB 3.0 Type A, 2 x USB 2.0 Type A, 1 x USB 3.0 Type C	**Serial Port**	1 x RS232 (DB9)

SD Card Slot	1 x SDXC Slot	**Audio**	2 x 1 watt speaker
LAN	1 x RJ45-10/100/1000 Mbps LAN	**Indicator**	4x LED Indicator for Power, Battery, SSD, RF status
Docking Connector	1 x Docking connector		

Operating Humidity	30% to 80% RH, non-condensing	**Operating Temperature**	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	**Shock**	MIL-STD-810H Method 516.6 Procedure I
Vibration	MIL-STD-810H Method 514.6 Procedure I	**IP rating**	IP65
Drop	MIL-STD-810H Method 516.6 Procedure IV, 4 ft	**EMC**	MIL-STD-461G CE101, CE102, RE101, RE102, CS118 (Default) (Default) MIL-STD-461G CS101, CS114, CS115, CS116, RS101, RS103 (Optional)

Certification

Certification	CE, FCC

Security Function

Kensington Lock	Kensington Lock Support

Control

Button	1 x Power,1 x menu,2 x volume key 3 x Programmable Function Keys

Camera

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

Power

Battery	15.4V, typ. 5900 mAh Li-Polymer Battery (4S1P) (Default) Hot-Swap Battery (Optional)	**Power Rating**	19V DC
Adapter	100-240V, 50-60Hz / 19V DC		

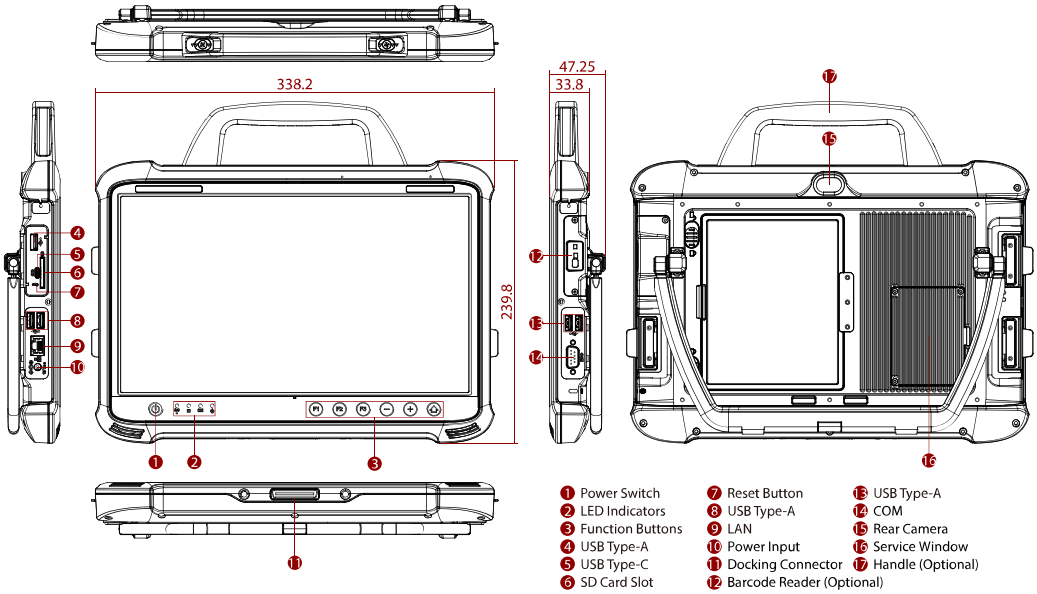
Accessory

Accessory	Adapter and Power Cord Standard Battery Stand with Integrated Handle	**Optional Accessory**	Vehicle Charger (Optional) Battery Charger (Optional) Desk Docking (Optional) Vehicle Dock (Optional) Stylus (Optional) Shoulder Strap (Optional) Handle (Optional)

Barcode Scanner

Barcode Scanner	1D/2D barcode reader (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.

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