

M133WK

13.3" Intel® Core™ i5-8265U Ruggedized Tablet



KEY FEATURES

- Intel® Core™ i5-8265U Whiskey Lake processor ruggedized tablet
- 13.3" 1920 x 1080 IPS wide viewing angle LED Panel
- Magnesium alloy housing with all-around elastomeric rubber
- Built-in kickstand usable as carrying handle(indefinitely adjustable)
- IP65 waterproof and dustproof
- Optical bonding technology
- TPM 2.0



OVERVIEW



High Performance with Low Power Consumption

Powered by Intel's processor, the M133 series ultra-rugged tablet offers high performance and low power consumption for some of the most demanding professional-grade applications.



Brilliant Sunlight Readable Display

The 13.3" TFT-LCD panel with the 1920 x 1080 resolution with its sunlight-readable transfective solution, the M133 series ultra-rugged tablet, offers a premium viewing experience both indoors and outdoors.



Capacitive Multi-Touch with Switchable Modes

The M133 series ultra-rugged tablet uses projected capacitive multi-touch, the effortless touch technology the world has come to love and demand due to the effortless tapping, panning, zooming, and pinching the technology allows. Support use with gloves and in the rain, as well as more precise stylus operation.



Ultra Rugged Design Built to Survive

The M133 series ultra-rugged tablet is built to survive temperature changes, drops, shock, and vibration. Tailored for industrial-grade applications and packed in ultra-rugged magnesium-aluminum alloy housing passed the MIL-STD-810G test withstand the rigors of outdoor environments - water, dust, weather changes, strong.



Ergonomic Design

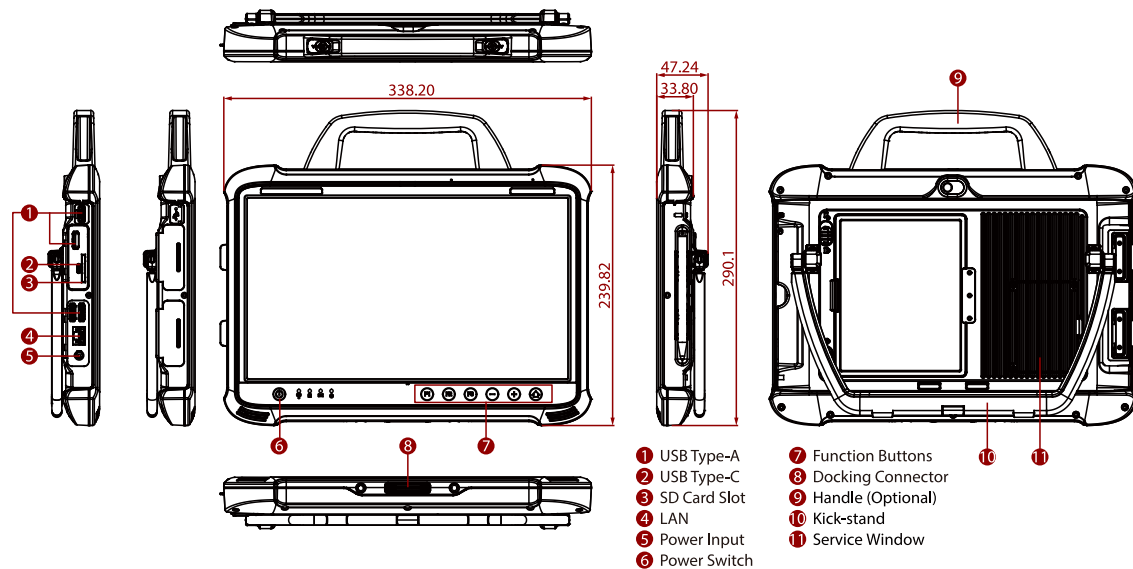
Despite the ruggedness, the M133 Series ultra-rugged tablet is handy and easy to use with an easy-to-carry ergonomic handle and an optional fold-up kickstand so your worker can transport the device more easily or set it up when watching an instruction or checking operation procedures.

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 i5-8265U 1.6GHz (up to 3.9GHz)	Memory	4GB SODIMM DDR4-2400 8GB SODIMM DDR4-2400 (Optional) 16GB SODIMM DDR4-2400 (Optional)
Storage	Storage 1: 1 x 128GB M.2 SSD Additional storage available with SDXC card slot Storage 1 up to 1x 1TB M.2 SSD (Optional) Storage 2 up to 1x 1TB M.2 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)
GNSS	GPS/GLONASS (Optional)		
Mechanical			
Dimension	338.20 x 239.82 x 33.80 mm	Weight	2.2kg (w/ kickstand)
Cooling System	Fanless Design		
IO Ports			
USB Port	4 x USB 3.0 Type A, 1 x USB 3.0 Type C	SD Card Slot	1 x SDXC Slot
SIM Card Slot	1 x Micro SIM card 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		
Environment			
Operating Humidity	30% to 80% RH, non-condensing	Operating Temperature	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	Shock	MIL-STD-810G Method 516.6 Procedure I
Vibration	MIL-STD-810G Method 514.6 Procedure I	IP rating	IP65
Drop	MIL-STD-810G Method 516.6, 4 ft		
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	1 x 8MP Rear Camera with auto-focus and LED light (Optional)		
Power			
Battery	15.4V, typ. 5900 mAh Li-Polymer Battery (4S1P)	Battery Operating Time	More than 10 hours (BAPCo Tabl etMark v3)
Power Rating	19V DC	Adapter	100-240V, 50-60Hz / 19V DC
Accessory			
Accessory	Adapter and Power Cord Standard Battery Stylus Stand with Integrated Kickstand	Optional Accessory	Vehicle Charger (Optional) Battery Charger (Optional) Desk Docking (Optional) Handle (Optional)

DIMENSIONS UNIT:MM



NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. TPM 2.0 is available upon request.
3. Length measurements do not include protrusions. Weight varies with options.
4. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
5. This is a simplified drawing and some components are not marked in detail.
6. 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.