

M133KML(HB)

13.3" Intel® Core™ i5-7200U Defence Ultra Rugged Tablet



KEY FEATURES

- Intel® 7th Gen. Core™ i5-7200U, 2.5 GHz (turbo up to 3.1 GHz)
- 13.3" 1920 x 1080 Resolution Transflective TFT-LCD Panel
- With daylight-readable screen 500 nits and optical bonding for clarity increasing and readability enhancing
- Optional high brightness 800 nits, 13.3inch Defence Ultra Rugged Tablet
- Adjustable Kickstand that is Convertible to a handle (Optional)
- With IP65 dust and water-resistant certification
- Magnesium Alloy Housing with All-Around Elastomeric Rubber
- MIL-STD-38999 connector for LAN/ USB2.0 and Power/ RS232 Input
- Fully Sealed and Fanless Thermal Design
- MIL-STD-810G Compliant



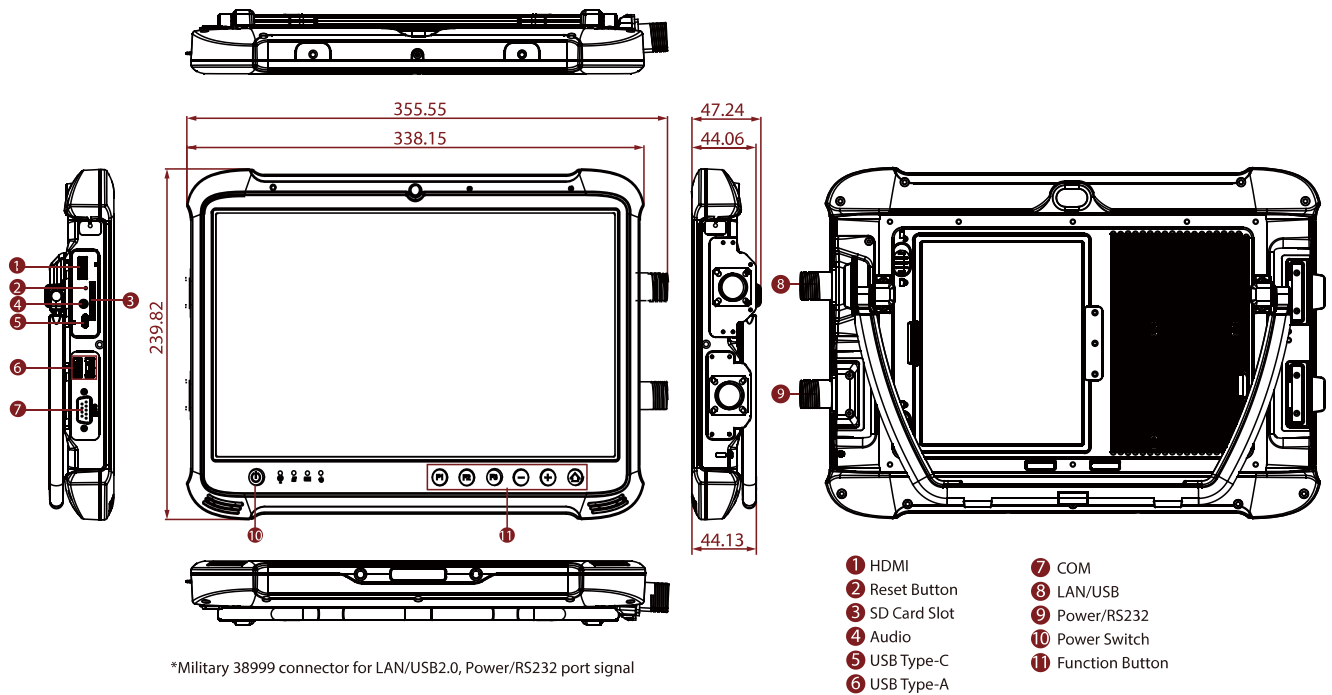
SPECIFICATIONS

Display			
Resolution	1920x1080	Size	13.3 inches
Contrast Ratio	1000:1	Panel Brightness	500 nits
View Angles	89,89,89,89	Type	Projected Capacitive Multi Touch
Bonding	Optical Bonding for Sunlight Viewability		
System Specification			
Processor	Intel Core i5-7200U 2.5GHz (up to 3.1GHz)	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)	Ethernet controller	1 x RJ45-10/100/1000 Mbps LAN
Security	Trusted Platform Module (TPM) 2.0 Kensington Lock	Operating System	Windows 10 IoT Enterprise (64 bit)
WLAN	Support	BT	Support
WWAN	4G LTE (Optional)	GNSS	GPS, GLONASS
RFID	HF RFID 13.56 MHz reader (Optional)	Sensors	Light sensor/ g-sensor / Gyro
Smart Card Reader	Built-in 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	338.2 x 239.8 x 47.2 mm	Weight	2.4 Kg (Without Kickstand), 2.8 Kg (With Kickstand)
Enclosure	Rear Magnesium Alloy Die-Casting Design	Cooling System	Fanless Design
Docking Housing	nan		
IO Ports			

USB Port	2 x USB 3.0, 1 x USB 2.0(MIL-STD-38999 connector),1 x USB 3.1(Type C)	Serial Port	1 x RS-232 Serial COM Port(MIL-STD-38999 connector)
SD Card Slot	1 x Micro SD Card Slot	Video	1 x HDMI (Optional)
Audio	Microphone: 1 x built-in Digital Mic with Noise Cancellation Speaker: 2 x 1 watt speaker	LAN	1 x RJ45-10/100/1000 Mbps LAN(MIL-STD-38999 connector)
Indicator	4x LED Indicator for Power, Battery, SSD, RF status		
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, Dustproof and Waterproof
Drop	MIL-STD-810G Method 516.6, 4 ft	ESD	ESD (Contact/Air) : 12kV/12kV
Certification			
Certification	CE, FCC, IC, UL		
Security Function			
SOTI MobiControl	SOTI MobiControl Compliance	Kensington Lock	Kensington Lock Support
Control			
Button	1 x Power,1 x menu,2 x volume key 3 x Programmable Function Keys		
Power			
Battery	7.4V, typ. 10280 mAh Li-Polymer Battery (2S2P) Hot-Swap (Optional)	Battery Operating Time	11 Hours
Power Rating	24V DC(MIL-DTL-38999/1 connector)	Adapter	100-240V, 50-60Hz / 24V DC
Accessory			
Accessory	Adapter and PowerCord Standard Battery Stylus Stand with Integrated Handle Power/RS232 External Cable LAN/USB2.0 External Cable	Optional Accessory	Shoulder Strap (Optional) Battery Charger (Optional) Active Pen (Optional)

DIMENSIONS

UNIT:MM



NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. The USB Type-C connector follows USB3.0, standard, which does not support Alternate Mode (ALT) or USB Power Delivery (USB-PD).
3. TPM 2.0 available upon request.
4. Computrace theft protection and SOTI are available upon request.
5. Length measurements do not include protrusions. Weight varies with options.
6. Accessories and integrated options may vary depending on your configuration.
7. This is a simplified drawing and some components are not marked in detail.
8. 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.
9. Default uses the silver defence connector with RoHs, optional green defence connector without RoHs.