M133K
13.3" Intel® Core™ i5-7200U Ultra Rugged Tablet PC

KEY FEATURES

- Intel® Core™ i5-7200U Kaby Lake processor
- 13.3" 1920 x 1080 wide viewing angle LED Panel
- Magnesium alloy housing with all-around elastomeric rubber
- Built-in kickstand
- IP65 waterproof and dustproof
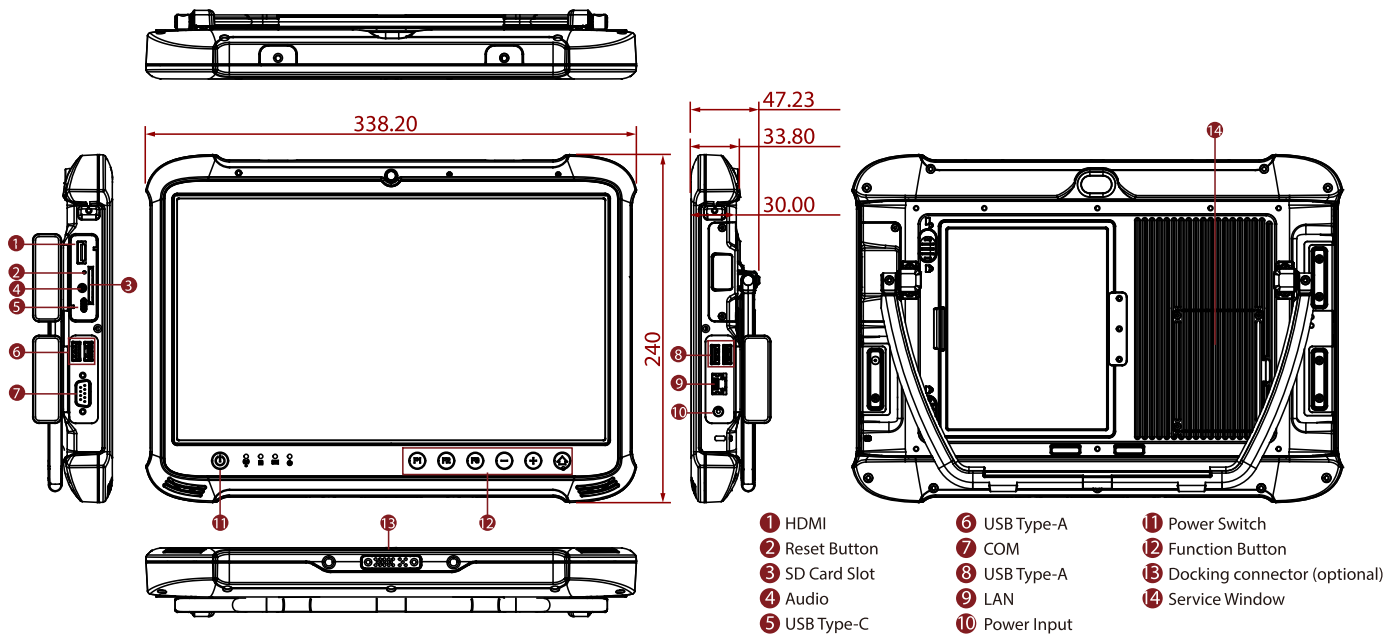- With optical bonding to increase optical clarity and readability

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® CoreTM i5-7200U Kaby Lake, 2.5 GHz (Turbo up to 3.10 GHz)	**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 Computrace theft protection agent	**Operating System**	Windows 10 IoT Enterprise (64 bit)
WLAN	802.11 a/b/g/n/ac	**BT**	BT Support
WWAN	4G LTE (Optional)	**GNSS**	GPS, GLONASS
RFID	HF RFID 13.56 MHz reader (Optional)	**Sensors**	Light sensor/ g-sensor / Gyro / E-compass

Camera

Front Camera	2MP Front Camera	**Rear Camera**	5MP Rear Camera with auto-focus and LED light

Mechanical

Dimension	338.2 x 240 x 30 mm (13.3 x 9.4 x 1.18 inches)	**Weight**	2.4 Kg (Without Kickstand), 2.5 Kg (With Kickstand)
Cooling System	Fanless thermal design		

IO Ports

USB Port	2 x USB 3.0, 2 x USB 2.0,1 x USB 3.0(Type C)	**Serial Port**	1 x RS232 Serial COM Port
SD Card Slot	1 x SDXC Slot	**SIM Card Slot**	1 x SIM card slot
Video	1 x HDMI (Optional)	**Audio**	1 x Headphone Combo Jack Single Digital Mic With Noise Cancellation Dual Speaker
LAN	1 x RJ45-10/100/1000 Mbps LAN	**Indicator**	4x LED Indicator for Power, Battery, SSD, RF status
Docking Connector	1 x 19-pin docking connector (Optional)		

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 certified, dustproof and waterproof
Drop	MIL-STD-810G Method 516.6, 4 ft		

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 Hot-Swap (Optional)	**Battery Operating Time**	11 Hours
Power Rating	19V DC	**Adapter**	100-240V, 50-60Hz / 19V DC

Accessory

Accessory	Adapter and PowerCord Standard Battery Stylus Stand with Integrated Handle	**Optional Accessory**	VESA Mounting Kit (Optional) VESA Mounting Kit 2 (Optional) RAM Mounting Kit (Optional) Shoulder Strap (Optional) Battery Charger (Optional) Vehicle Charger (Optional) Desk Docking (Optional)

Barcode Scanner

Barcode Scanner	1D/2D barcode reader (Optional)

DIMENSIONS   UNIT:MM

338.20
240
47.23
33.80
30.00

❶ HDMI
❷ Reset Button
❸ SD Card Slot
❹ Audio
❺ USB Type-C
❻ USB Type-A
❼ COM
❽ USB Type-A
❾ LAN
❿ Power Input
⓫ Power Switch
⓬ Function Button
⓭ Docking connector (optional)
⓮ Service Window

NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. Barcode and smart card readers are mutually exclusive options.
4. TPM 2.0 available upon request.
3. The USB Type-C connector follows the USB 3.0 standard, which does not support Alternate Mode (ALT) or USB Power Delivery (USB-PD).
5. Computrace theft protection and SOTI are available upon request.
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.
7. Length measurements do not include protrusions. Weight varies with options.
8. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
9. Accessories and integrated options may vary depending on your configuration.
10. This is a simplified drawing and some components are not marked in detail.