M101WK

10.1"Intel® Core™ i5-8265U Rugged Tablet PC

KEY FEATURES

- Intel® Core™ i5-8265U Whiskey Lake processor
- 10.1" 1920 x 1200 IPS LED Panel with direct optical bonding
- Sunlight readable with anti-glare solution
- Hot-swappable battery design
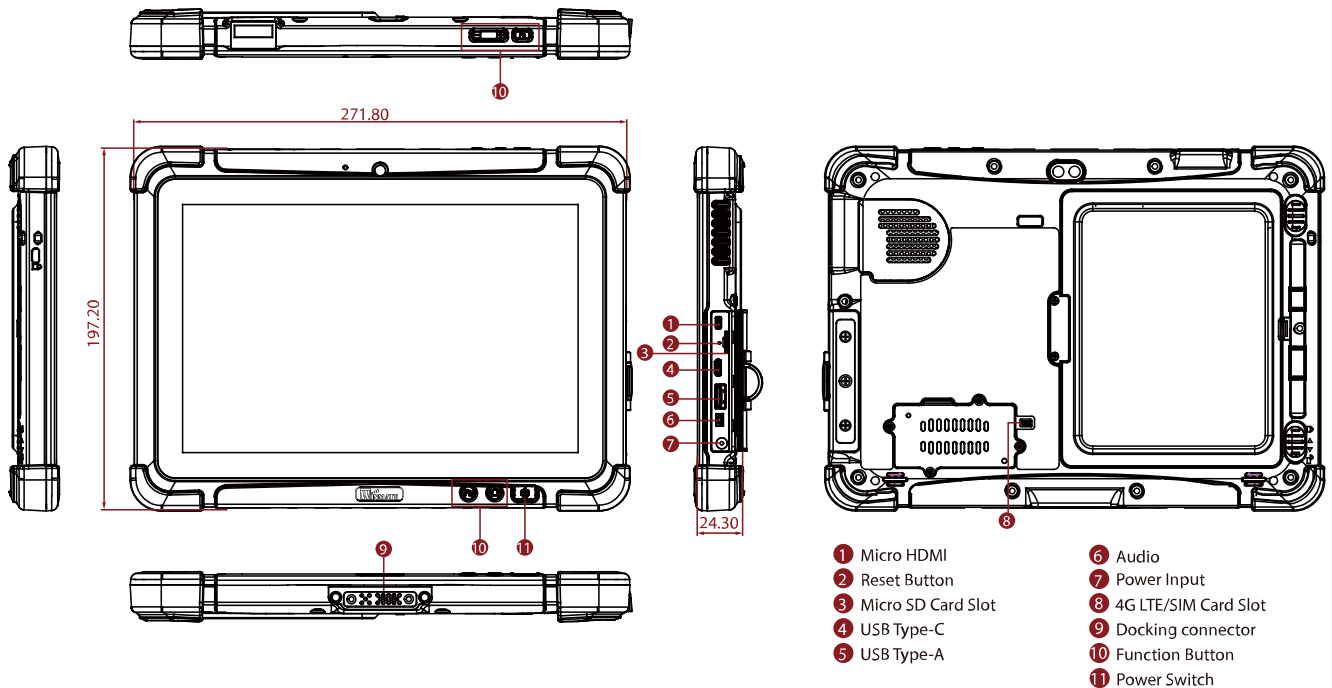- IP65 waterproof and dustproof, MIL-STD-810G shock, vibration and drop resistance

CE FC HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE IP65 INGRESS PROTECTION Microsoft Azure Certified COMPLIANT MIL-STD 810G

SPECIFICATIONS

Display

Resolution	1920x1200	Size	10.1 inches
Contrast Ratio	800:1	Panel Brightness	800 nits
View Angles	85,85,85,85	Type	Projected Capacitive Multi Touch
Viewability	Anti-Glare touch treatment	Bonding	Optical Bonding for Sunlight Viewability

System Specification

Processor	Intel® CoreTM i5-8265U, 1.60 GHz (up to 3.90 GHz)	Memory	4GB DDR4 SDRAM 8GB DDR4 SDRAM (Optional) 16GB DDR4 SDRAM (Optional)
Storage	128GB SSD 256GB SSD (Optional) 512GB SSD (Optional) 1TB SSD (Optional) Additional storage available with micro SDXC card slot (Optional)	Security	Password security for user and hard disk lock Trusted Platform Module (TPM) 2.0
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	8MP Rear Camera with auto-focus and LED light

Mechanical

Dimension	271.8 x 197.2 x 21 mm (10.7 x 7.76 x 0.83 inches)	Weight	1.25 kg (2.75 lbs) with standard battery
Cooling System	Fan design		

IO Ports

USB Port	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type C)	SD Card Slot	1 x Micro SDXC slot
SIM Card Slot	1 x SIM card slot	Video	1 x Micro HDMI (Optional)
Audio	1 x Audio combo 3.5mm audio combo jack Dual Digital Mic With Noise Cancellation Dual Speaker	Indicator	4x LED Indicator for Power, Battery, HDD, RF status
Docking Connector	1 x 19-pin docking connector		

Environment

Operating Humidity	10% to 90% RH, non-condensing	Operating	-20°C to 60°C (AC mode), -10°C to 50°C (Battery

		Temperature	mode)
Storage Temperature	-30°C to 70°C (-22°F to 158°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

Security Function

SOTI MobiControl	SOTI MobiControl Compliance	**Kensington Lock**	Kensington Lock Support

Control

Button	1 x Power, 1 x Home 2 x volume key 2 x Programmable function Keys

Power

Battery	Hot-swappable 10.8V, typ. 4700 mAh Li-Polymer Battery (3S2P)	**Battery Operating Time**	Standard. Battery: 8 hours
Power Rating	12-19V DC	**Adapter**	100-240V, 50-60Hz / 19V DC

Accessory

Accessory	Adapter and Power Cord Capacitive Stylus Standard Battery	**Optional Accessory**	Desk Dock (Optional) Vehicle Dock (without VGA output) (Optional) Vehicle Cradle (Optional) Vehicle Charger (Optional) Battery Charger (Optional) Hand Strap (Optional) Shoulder Strap (Optional) Carry Bag (Optional) VESA Mount Kit (Optional)

Barcode Scanner

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

DIMENSIONS UNIT:MM

271.80

197.20

24.30

1. Micro HDMI
2. Reset Button
3. Micro SD Card Slot
4. USB Type-C
5. USB Type-A
6. Audio
7. Power Input
8. 4G LTE/SIM Card Slot
9. Docking connector
10. Function Button
11. Power Switch

NOTE

1. Total usable memory will be less dependent upon actual system configuration.
2. The USB Type-C connector follows USB 3.0 standard, which does not support Alternate Mode (ALT) or USB Power Delivery (USB-PD).
3. Add-on modules require the expansion port option to be usable.
4. TPM 2.0 available upon request.
5. SOTI is available upon request.
6. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
7. Length measurements do not include protrusions. Weight varies with options and active pen.
8. The drop test with a high-capacity battery must come with a hand strap.
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.
11. 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.