

M101EK-ME

10.1" Healthcare Rugged Tablet PC with Intel® Celeron® N6211



KEY FEATURES

- Intel® Elkhart Lake Celeron® N6211 Processor
- 10.1" 1920 x 1200 IPS LED Panel with direct optical bonding
- Lightweight, low power consumption, rugged, IP65 waterproof and dustproof
- Removable battery with hot-swap function for all day productivity
- Stylus, glove, and wet-touch modes fulfilling multiple medical operations
- In compliance with IEC/EN 60601-1, IEC/EN 60601-1-2, UL 60601-1
- Housing enhanced with antimicrobial properties
- USB Type-C port supports power delivery



OVERVIEW



Meeting International Safety Standards

Winmate's Healthcare Tablet meets international healthcare and patient safety standards, essential for reducing risks such as overheating, electric shocks and electromagnetic interference in medical devices.



Enhanced Healthcare Tablets with Antibacterial Protection

Winmate's thin and light healthcare tablets feature antibacterial properties to inhibit bacterial growth and resist various cleaning chemicals. The waterproof design ensures that the tablets can be cleaned with wipes, sprays, and liquids without compromising internal components.



Versatile Tools for Clinical Excellence

Winmate's M101EK-ME tablet, designed for healthcare, serves as an all-in-one wireless communication and data capture tool in hospital and clinical environments. These tablets use the Windows IoT enterprise operating system, providing enterprise-level management and security, and support data collection with touch screens, a 1D/2D barcode scanner, HF/UHF RFID reader, and a smart card reader. This enables clinicians to quickly access patient charts and verify patients via wristband barcodes, and track medical inventory.



Multifunctional Display for Diverse Conditions

The M101EK-ME features a lightweight, portable design with a 10.1-inch screen that supports stylus, glove, and rain modes, ensuring exceptional performance in various settings. With a high display resolution of 1920 x 1200, this device delivers clear and detailed visuals. It is particularly suitable for medical and industrial applications, offering a reliable and versatile user experience.



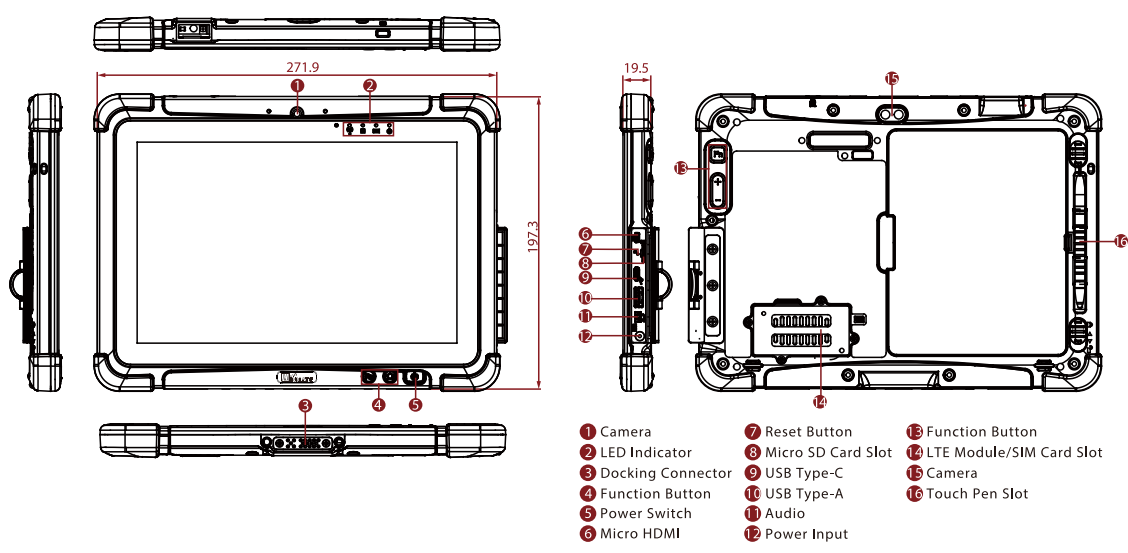
Hot-Swappable Battery for Continuous Operation

The healthcare-grade tablet includes a removable battery with a hot-swap function, ensuring uninterrupted productivity throughout the day. The USB Type-C port supports power delivery and efficient charging.

SPECIFICATIONS

Display			
Resolution	1920x1200	Size	10.1 inches
Contrast Ratio	800:1	Panel Brightness	800.0 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 Celeron N6211 @1.20 GHz (up to 3.00 GHz) Intel Pentium N6415 @1.20 GHz (up to 3.00 GHz) (Optional)	Memory	4GB LPDDR4 8GB LPDDR4 (Optional)
Storage	128GB SSD Additional storage available with micro SDXC card slot 256GB SSD (Optional) 512GB 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 (Optional) 5G (Optional)
GNSS	GPS, GLONASS, Galileo, BeiDou	RFID	HF RFID 13.56 MHz reader (Optional) add-on UHF RFID Reader (Optional)
Sensors	Light sensor/ G-sensor / Gyro	Smart Card Reader	Add-on Smart Card Reader (Optional)
Camera			
Front Camera	2MP Front Camera	Rear Camera	8MP Rear Camera with auto-focus and LED light
Mechanical			
Dimension	271.9 x 197.3 x 19.5 mm	Weight	1.2 kg (2.65 lbs) with standard battery, 1.4 kg (3.1 lbs) with optional high capacity battery
Cooling System	Fanless Design	Housing	Housing enhanced with antimicrobial properties
IO Ports			
USB Port	1 x USB 3.0 (Type A), 1 x USB 3.0 (Type-C support Power Delivery 20V In)	SD Card Slot	1 x Micro SD Card slot (Support SDXC)
SIM Card Slot	1 x SIM card slot	Video	1 x Micro HDMI Output (Optional)
Audio	1 x Audio combo 3.5mm audio combo jack (Mic in or Line Out) Dual Digital Mic With Noise Cancellation Dual Speaker	Expansion Port	1 x Expansion connector (Optional)
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 Temperature	0 to 35°C
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
Drop	MIL-STD-810G Method 516.6, 4 ft		
Certification			
Certification	CE, FCC, IEC/EN 60601-1, IEC/EN 60601-1-2, UL 60601-1		
Control			
Button	1 x Power, 1 x Home, 2 x Volume, 2 x Programmable Function Keys		
Security Function			
SOTI MobiControl	SOTI MobiControl Compliance	Kensington Lock	Kensington Lock Support
Accessory			
Accessory	Adapter and Power Cord Capacitive Stylus Standard Battery	Optional Accessory	Desk Dock (Optional) Vehicle Dock (without VGA output) (Optional) Vehicle Cradle (Optional) Battery Charger (Optional) Smart Card Reader (Optional) High Capacity Battery (Optional) Hand Strap (Optional) VESA Mount Kit (Optional) Shoulder Strap (Optional) Carry Bag (Optional) Vehicle Charger (Optional)
Barcode Scanner			
Barcode Scanner	1D/2D barcode reader (Optional)		
Power			
Battery	Hot-swappable 7.4V, typ. 5140 mAh Li-Polymer Battery (2S1P) 7.4V, typ. 10280 mAh Li-Polymer Battery (2S2P, Optional)	Battery Operating Time	Standard Battery: 8 hours
Power Rating	19V DC	Adapter	100-240V, 50-60Hz (19V DC)

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.