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

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)	**Expansion Port**	1 x Expansion connector (Optional)

	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 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

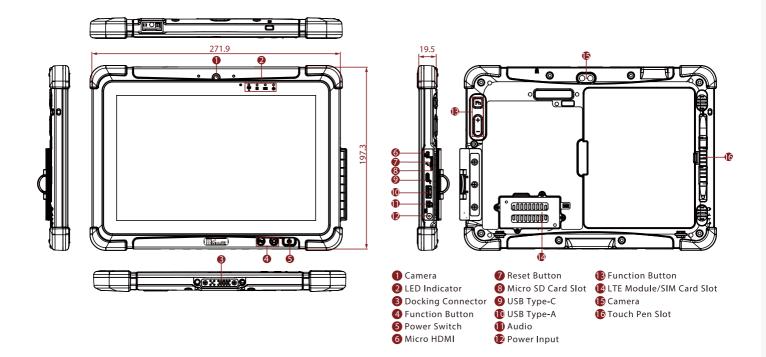|			
Battery	Hot-swappable 7.4V, typ. 5140 mAh Li-Polymer Battery (2S1P) 7.4V, typ. 10280 mAh Li-Polymer Battery (2S2P, Optional)	**Battery Operating Time**	Standard Battery: 8 hours
Power Rating	19V DC	**Adapter**	100-240V, 50-60Hz (19V DC)

DIMENSIONS   UNIT:MM

WINMATE

1 Camera   **7** Reset Button   **13** Function Button
2 LED Indicator   **8** Micro SD Card Slot   **14** LTE Module/SIM Card Slot
3 Docking Connector   **9** USB Type-C   **15** Camera
4 Function Button   **10** USB Type-A   **16** Touch Pen Slot
5 Power Switch   **11** Audio
6 Micro HDMI   **12** Power Input

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.