M101P-ME

10.1" Intel® Pentium® N4200 Windows Healthcare Rugged Tablet

KEY FEATURES

- 10.1" 1920 x 1200 IPS LED Panel with direct optical bonding
- Intel® Pentium® N4200 Processor, Healthcare tablet pc
- Housing enhanced with antimicrobial properties
- Long battery life medical computers
- USB 3.0 (Type C) connector
- Optional 1D/2D barcode scanner to scan medications or wrist bands
- Lightweight, rugged, IP65 waterproof and dustproof

OVERVIEW

Transforming the Way Patient Care is Delivered

The Winmate's Microsoft s surface windows tablet with healthcare-grade is versatile all-in-one wireless communications and data capture tools designed for hospital and clinical environments. Tablet offerings for data collection, touch screens, including a barcode scanner, RFID/ NFC reader, wi fi, or smart card reader to allow clinicians to track inventory or pull up patient charts with the quick click of a button verify patients with a barcode on their wristband. Notice that integrated data collection options may vary by model.

Housing Enhanced with Antimicrobial Properties

The Winmate's thin and light healthcare tablet offerings are enhanced with antibacterial properties to minimize bacteria growth and be resistant to various cleaning chemicals with a waterproof design that allows cleaning the surface with wipes, sprays, and liquids without concern of affecting the internal components.

Suitable for Emergency Vehicle Applications

A lightweight yet durable waterproof, shockproof and dustproof, the Winmate's healthcare tablet computers and handhelds installed on a healthcare cart or inside an ambulance vehicle with its optional tailored-made accessories for in-vehicle applications withstand strong vibration from the moving vehicle with no parts disconnected or loose.

Fanless Performance

All of Winmate's healthcare-grade windows tablets offer robust and reliable high-performance computing with a fanless thermal system perfect in healthcare settings.
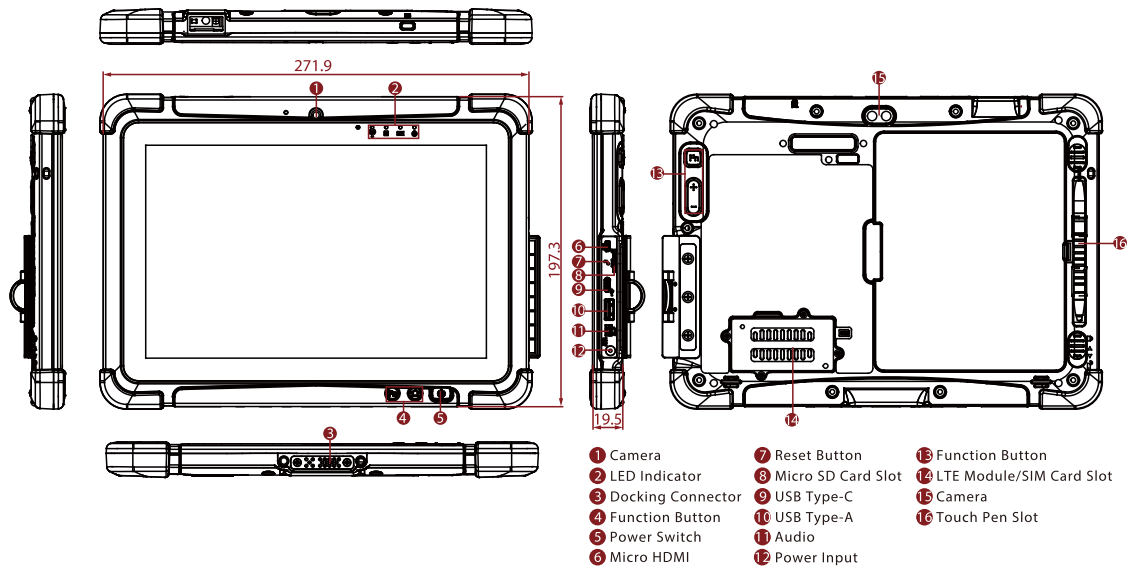
SPECIFICATIONS

Display			
Type	Projected Capacitive Multi Touch	Viewability	Anti-Glare touch treatment
Bonding	Optical Bonding for Sunlight Viewability	Resolution	1920x1200
Size	10.1 inches	Contrast Ratio	800:1
Panel Brightness	600.0 nits	View Angles	85,85,85,85

System Specification			
Processor	Intel Pentium N4200 1.1GHz (up to 2.5GHz)	Memory	4GB LPDDR4 8GB LPDDR4 (Optional)
Storage	128GB SSD Additional storage available with micro SDXC card slot 256GB SSD (Optional)	Security	Trusted Platform Module (TPM) 2.0 Kensington Lock

	512GB SSD (Optional)		
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) 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		

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 Micro SIM card slot	**Video**	1 x Micro HDMI (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 for USB 2.0/ Full RS232 (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, UL, PTCRB, Verizon, IEC/EN 60601-1, IEC/EN 60601-1-2, UL 60601-1		

Security Function

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

Control

Button	1 x Power, 1 x Home, 2 x Volume, 2 x Programmable Function Keys		

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)

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)		

DIMENSIONS   UNIT:MM

271.9

197.3

19.5

❶ Camera	❼ Reset Button	⓭ Function Button
❷ LED Indicator	❽ Micro SD Card Slot	⓮ LTE Module/SIM Card Slot
❸ Docking Connector	❾ USB Type-C	⓯ Camera
❹ Function Button	❿ USB Type-A	⓰ Touch Pen Slot
❺ Power Switch	⓫ Audio	
❻ Micro HDMI	⓬ Power Input	

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. SOTI is available upon request.
4. Length measurements do not include protrusions. Weight varies with options and active pen.
5. The drop test with high-capacity battery must come with hand strap.
6. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
7. Accessories and integrated options may vary depending on your configuration.
8. This is a simplified drawing and some components are not marked in detail.

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