

M101P-ME

10.1" Intel® Pentium® N4200 Windows Healthcare Rugged Tablet PC



KEY FEATURES

- 10.1" 1920 x 1200 IPS LED Panel with direct optical bonding
- Intel® Apollo Lake Pentium N4200 processor
- Housing enhanced with antimicrobial properties
- Long battery life
- USB 3.0 (Type C) connector
- Optional 1D/2D barcode scanner to scan medications or wrist bands
- Lightweight, rugged, IP65 waterproof and dustproof
- Certified IEC 60601-1, 60601-1-2

INTRODUCTION

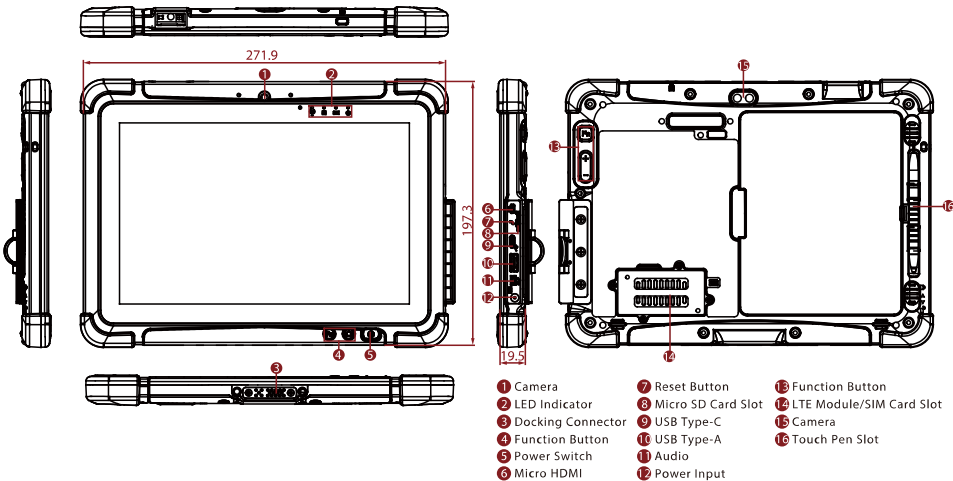
Winmate Healthcare Rugged Tablet Series is designed to meet the rigorous demands of medical environments, offering reliable performance with Android and Windows operating systems. Featuring lightweight, antimicrobial housings and IP65-rated water and dust resistance, these tablets ensure durability and hygiene. With 10.1" high-resolution displays, hot-swappable batteries, and optional barcode scanners, they enhance efficiency for patient care, medication management, and data collection, making them essential tools for healthcare professionals.

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) 512GB SSD (Optional)	Security	Trusted Platform Module (TPM) 2.0 Kensington Lock
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



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.

