

# TBM101P

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

## INTRODUCTION

NoteStar 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.

## OVERVIEW



### Transforming the Way Patient Care is Delivered

The NoteStar'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 NoteStar'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.



## Fanless Performance

All of NoteStar'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) 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
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### 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
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### Security Function

SOTI MobiControl	SOTI MobiControl Compliance	Kensington Lock	Kensington Lock Support
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### Control

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

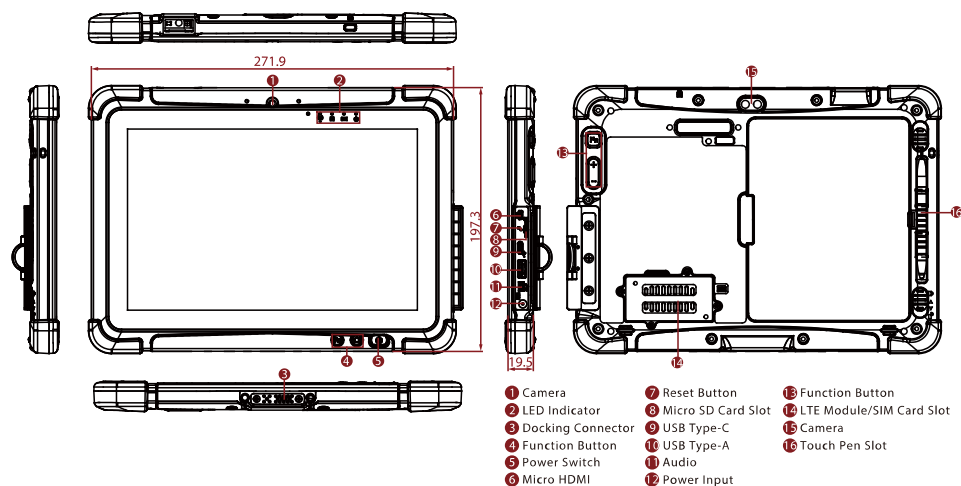
### Accessory

## 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.