

# TBM101Q

10.1" Qualcomm® Snapdragon™ 660 Android Healthcare Rugged Tablet



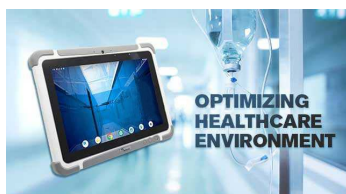
## KEY FEATURES

- Qualcomm® SDA660 Kryo 260 CPU + Octa-core up to 2.2GHz, Android Healthcare tablet
- 10.1" (1920 x 1200) TFT LCD Display, Android Healthcare tablet
- 3 GB RAM + 32 GB eMMC
- Housing enhanced with antimicrobial properties
- Lightweight, rugged, IP65 waterproof and dustproof
- 13 MP Camera in Rear Side (with LED auxiliary light, Auto Focus)
- 8 MP Camera in Front Side

## 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



### Optimizing Healthcare Environment

The NoteStar's healthcare rugged tablet computer TBM101Q is a versatile all-in-one wireless communications and data capture tool designed for hospital and clinical environments.

### Housing Enhanced with Antimicrobial Properties

The housing of the NoteStar's healthcare rugged tablet computer TBM101Q is enhanced with antibacterial properties to minimize bacteria growth and be resistant to a variety of cleaning chemicals with a waterproof design that allows cleaning the surface with wipes, sprays, and liquids without concern of affecting the internal components.



## Real-Time Connectivity and Data Capture

Real-time data access to the right information is critical to mobile users. The TBM101Q healthcare rugged tablet computer offers GNSS, WLAN, BT connectivity, which enable users to connect in the way that best suits their needs. With the built-in 13 MP camera with autofocus on the rear side, users can capture photos, videos, documents instantly or utilize the 8 MP front camera for applications such as user self-video recording or video communication.



## Suitable for Emergency Vehicle Application

Transform your tablet computer to a vehicle-mount solution with accessories for in-vehicle applications - vehicle dock or vehicle cradle, VESA mount kit, and vehicle charger. The TBM101Q installed on a healthcare cart or inside an ambulance vehicle can withstand strong vibration from the moving vehicle with no parts disconnected or loose; compliant with MIL-STD-810G standard for vibration, drop, and shock. Emergency Medical Services (EMS) can easily unlock the tablet for on-the-go assignments.

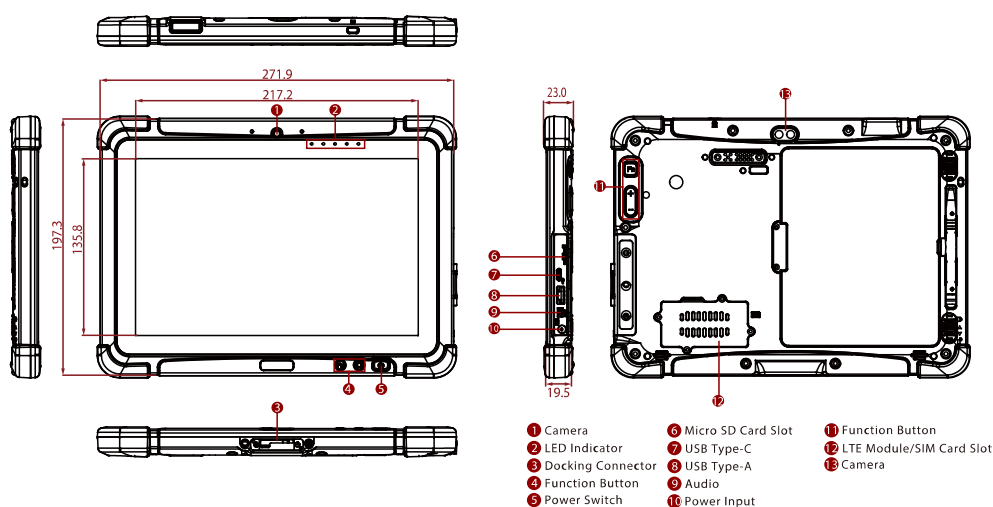
## SPECIFICATIONS

Display			
Resolution	1920x1200	Size	10.1 inches
Contrast Ratio	800:1	Panel Brightness	800 nits
View Angles	85,85,85,85	Bonding	Optical Bonding for Sunlight Viewability
Type	Projected Capacitive Multi Touch	Viewability	Anti-Glare touch treatment
Touch Mode	Support Hand / Gloves and Rain Mode		
System Specification			
Processor	Qualcomm® Snapdragon™ 660 (Octa-Core 2.2 GHz)	Memory	3GB
Storage	32GB	Operating System	Android 9.0
WLAN	Support	BT	Support
GNSS	GPS/GLONASS	RFID	Default RFID (Read / Write, Peer to Peer mode)
Sensors	Ambient Light Sensor, E-Compass, Gyro, Acceleration Sensors		
Camera			
Front Camera	8MP Camera	Rear Camera	13MP Camera with LED Auxiliary Light (Auto Focus)
Mechanical			
Dimension	271.9 x 197.3 x 19.5 mm	Weight	1.2 kg (2.65 lbs)
Cooling System	Fanless Design		
IO Ports			
USB Port	1 x USB 3.0 Type C OTG 1 x USB 2.0 Type A	SD Card Slot	1 x Micro SD Card Slot
SIM Card Slot	1 x SIM Card Slot	Audio	1 x Audio Combo connector (Mic in or Line Out) 1 x Built-in Mic 2 x Speaker
Indicator	1 x LED Indicators (Power, Battery)	Docking Connector	1 x Docking Connector
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 35°C (Battery mode)
Storage Temperature	-40°C to 70°C	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	ESD	Contact 8KV/ Air 15KV (Criteria A)
Certification			
Certification	CE, FCC, IC IEC 60601-1, IEC 60601-1-2, EN 60601-1, ANSI/AAMI ES 60601-1		
Control			
Button	1 x Volume +/-, 1 x Home Button, 1 x ,Return Button, 1 x Power Button, 1 x Function Button		
Power			
Battery	7.4V, typ. 5140 mAh LiPolymer Battery (2S1P) (BS101) Warm swappable function (Optional)	Battery Operating Time	8Hr
Power Rating	19V	Adapter	MFR / model: EDAC / EM10683V & EM10681V Input: 100-240Vac, 2.0A

## Barcode Scanner

Barcode Scanner 1D/2D Barcode Reader (Optional)

## DIMENSIONS UNIT:MM



## NOTE

1. Total usable memory will be less depending 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. Length measurements do not include protrusions. Weight varies with optional functions.
4. The drop test with high-capacity battery must come with hand strap.
5. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
6. Accessories and Integrated Options may vary depending on your configuration.
7. This is a simplified drawing and some components are not marked in detail.