

M101BT Specifications

Display Specifications

Size	10.1"
Brightness	350(typ.)
Resolution	1280x800
Contrast Ratio	800:1(typ.)
Display Color	16.7M
Touch	Projective Capacitive Touch (min 4 points)
Panel Viewability	Optical Bonding for Sunlight Viewability

System Specification

Processor	Intel BayTrail-M Quad-Core 1.8GHz
BIOS	AMI System BIOS
Memory	4GB SODIMM DDR3L-1600 (up to 8GB)
Storage	64GB mSATA MLC SSD (up to 256GB)
Audio	1 x Built-in Mic, 2 x 1W Speaker

Wireless Communication

WLAN	802.11 a/b/g/n
Bluetooth	Bluetooth 4.0 + Class I
WWAN	Optional 4G (LTE,HSPA+,GSM/GPRS/EDGE,EV-DO Rev A, 1xRTT) or optional 3G (HSPA+,GSM/GPRS/EDGE)
GPS	u-Blox Neo-6Q

I/O Connectors

Right I/O Connectors	<ul style="list-style-type: none">• 1 x USB3.0• 1 x Audio Combo Conn. (Mic in / Line Out)• 1 x Power Jack• 1 x Micro SD Slot,• 1 x Micro SIM Slot
----------------------	---

In front Control

Control Button	<ul style="list-style-type: none">• 1 x Power Button• 1 x Home key• 1 x Programmable Function Key
LED indicator	Power, Battery, HDD, RF

Mechanical and Environment

Dimensions (W x L x H)	271.8 x 197.2 x 19 mm (10.7 x 7.76 x 0.75 inches)
Net Weight (kg)	1.2 kg (2.7 lbs) with standard battery, 1.4 kg (3.1 lbs) with optional high capacity battery
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
IP Proof	IP65
Operating Humidity	10 to 90% RH, non-condensing
Certifications	CE, FCC, IC
Shock	MIL-STD-810G Method 516.6 Procedure I
Vibration	MIL-STD-810G Method 514.6 Procedure I

Drop	MIL-STD-810G Method 516.6, 4 ft to concrete*
Power Management	
Power Input	12-19V DC
Battery	<ul style="list-style-type: none"> • 7.4V, typ. 5140 mAh Li-Polymer Battery (2S1P) • 7.4V, typ. 10280 mAh Li-Polymer Battery (2S2P, Optional)
Adapter	100-240V, 50-60Hz / 19V DC
Battery Operating Time	7 hours **
Product Specification	
OS	Windows 10 IoT Enterprise Windows Embedded 8.1 Industry Pro Windows Embedded Standard 7 Windows 7 Pro for Embedded Systems
Smart Card Reader	Comply with ISO7816-1.2.3 T=1 and T=Ø protocol
Barcode	Short range 1D/2D Barcode Reader (optional)
Security	
Security	Password security for user and hard disk lock Kensington lock slot Trusted platform module (TPM) V1.2
Mobile Device Management	SOTI MobiControl compatible

- *The weight information is for reference purpose. The actual weight will vary according to then options you choose,for example,the touch/glass option.
- *With BatteryMon Test Program under Power Saving Mode.
- *Note: The drop test with high-capacity battery must come with hand strap.
**Note: Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
***Note: this is a simplified drawing and some components are not marked in detail.
Please contact our sales representative if you need further product information.
****Note: All Specifications are subject to change without prior notice.