

# 10.1" Rugged Tablet PC (with UHF RFID)

M101B-UF

## Product Features: (with UHF RFID)

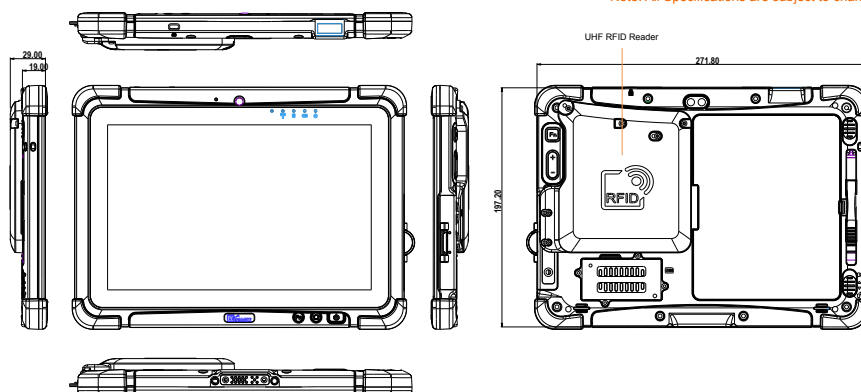
- 10.1" 1920x1200 IPS LED Panel with P-Cap Touch
- Long battery life with Intel® BayTrail-M processor
- IP65 water and dust proof
- Support UHF RFID Reader
- Dual Camera Design: 5MP Main camera with LED flash / 2MP Webcam
- Optional 2D / 1D Barcode Reader
- Hot-Swappable Battery Design / Optional high capacity battery pack
- 2 Programmable function keys
- Optional Computrace® theft protection support
- With Optical Bonding for Sunlight Readability



## Product Specifications:

System Specification	Processor	Intel BayTrail-M Quad-Core 1.8GHz
	System Memory	4GB SODIMM DDR3L-1600
	Storage	64GB mSATA MLC SSD
Operating System	Operating System	Windows 10 IoT Enterprise Windows Embedded 8.1 Industry Pro Windows Embedded Standard 7 Windows 7 Pro for Embedded Systems
	Display Specification	Size: 10.1"
	Resolution	1920x1200
	Brightness	700 nits typ. With Optical Bonding for Sunlight Readability
Wireless Communication	Touch	Projective Capacitive Touch (min 4 points)
	WLAN	802.11 a/b/g/n
	Bluetooth	Bluetooth 4.0 Dual Mode (Classic + Low Energy) Class 1
	GPS	U-Blox Neo-6Q
System I/O Buttons Indicators Sensors	WWAN	Optional 4G (LTE,HSPA+,GSM/GPRS/EDGE,EV-DO Rev A, 1xRTT) or optional 3G (HSPA+,GSM/GPRS/EDGE)
	Audio	1 x Built-in Mic, 2 x 1W Speaker
	External I/O	1 x Micro HDMI, 1 x 30-pin Combo Conn (LAN or RS232), 1 x USB3.0, 1 x Audio Combo Conn. (Mic in or Line Out), 1 x Power Jack, 1 x Micro SD Slot
Data Capture	Buttons	1 x Power, 1 x Home, 2 x Programmable Function Key, 2 x Volume Key
	LED	Power, Battery, HDD, RF
	Sensors	Light sensor, G sensor, Gyrometer, E-compass
	Security	Password security for user and hard disk lock Kensington lock slot Trusted platform module (TPM) V1.2 Computrace® theft protection support
Mechanical and Environment	Camera	5MP Auto-Focus Camera with 1W LED Flash at rear / 2MP Camera at front side
	UHF RFID Reader	Support EPCglobal Gen2 (ISO 18000-6C) protocol (IP-X and ISO 18000-6B optional) Read Range: 3+ meters for 2x8 cm UHF tags in unobstructed space
Power Management	Dimension (W x L x H)	271.8 x 197.2 x 19 mm (10.7 x 7.76 x 0.75 inches)
	Weight	1.3kg
	Operating Temperature	-20°C to 60°C (AC mode), -10°C to 50°C (Battery mode)
	Operating Humidity	10 to 90% RH, non-condensing
	IP Proof	IP65
	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*
	Certifications	CE, FCC, UL 60950
	Power Input	12-19V DC
Accessories:	Battery	7.4V, typ. 5300 mAh, min. 5140 mAh Li-Polymer Battery (2S1P) 7.4V, typ. 10600 mAh, min. 10280 mAh Li-Polymer Battery (2S2P, optional)
	Battery Operating Time	Std. Battery: 8 hours** High Capacity Battery: 16 hours**
	Adapter	100-240V, 50-60Hz / 19V DC

## Dimensions :



\* 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.

### Accessories:

1. 19V 65W Power Adapter x 1
2. Power Cord x 1
3. 7.4V /min. 5100mAh Battery x 1
4. M101 Quick Start Guide x 1
5. Manual & Driver CD x 1
6. Capacitive Stylus x 1

### Order Information:

M101B-UF	<ul style="list-style-type: none"> <li>• FCC (NA, SA) 902-928 MHz</li> <li>• KCC (Korea) 917-920.8 MHz</li> <li>• ACMA (Australia) 920-926 MHz</li> <li>• SRRC-MII (P.R.China) 920-925 MHz</li> <li>• ETSO (EU, India) 865.6-867.6 MHz</li> <li>• TRAI (India) 865-867 MHz</li> </ul>
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Battery	Flat	Vertical
Charging	0~40°C	0~45°C
Discharging	0~45°C	0~50°C