

M101B-HF Specifications

Display Specifications

Size	10.1"
Brightness	700 (typ.)
Resolution	1920x1200
Contrast Ratio	800:1
Display Color	16.7M (6bit + HFRC)
Touch	Multi-Touch Projective Capacitive
Panel Viewability	Optical Bonding for Sunlight Viewability

System Specification

Processor	Intel® Celeron® Quad Core N2930 1.83 GHz
BIOS	AMI System BIOS
Memory	4GB SODIMM DDR3L-1600 (up to 8GB)
LAN Controller	Intel WG82574L GigaLAN Controller
Storage	64GB mSATA MLC SSD (up to 256GB)
Audio	1W Speaker x2 (Built-in)

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 Micro HDMI• 1 x LAN/RS232 Combo Connector• 1 x USB 3.0• 1 x Line out/Mic in• 1 x DC jack
Downside I/O Connectors	<ul style="list-style-type: none">• 1 x Docking Connector• 1 x Extension Port (Optional)

In front Control

Control Button	<ul style="list-style-type: none">• 1 x Power Button• 1 x Menu/Home key• 2 x User-defineable Function Keys• 1 x Volume up• 1 x Volume down
LED indicator	Power, Battery, HDD Access, 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 (AC mode), -10°C to 50°C (Battery mode)

IP Proof	IP65
Operating Humidity	10 to 90% RH, non-condensing
Certifications	CE, FCC, IC, UL 60950, EN60601**
Drop	MIL-STD-810G Method 516.6, 4 ft to concrete*
Power Management	
Power Input	12~19V DC
Power Consumption	9 W typ.
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)
Battery Mark Ver. 4.0.1 Result	8 hours (tested with MobileMark 2007)
Adapter	100-240V, 50-60Hz, 19V DC
Battery Operating Time	Std. Battery: 8 hours*** High Capacity Battery: 16 hours***
Product Specification	
OS	Windows 10 IoT Enterprise Windows Embedded 8.1 Industry Pro Windows Embedded Standard 7 Windows 7 Pro for Embedded Systems
Security	
Security	Password security for user and hard disk lock Kensington lock slot Trusted platform module (TPM) V1.2 Computrace® theft protection support
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: EN60601 certificated with optional power adapter for medical use.
 ***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.