

M101BU Specifications

Display Specifications

Size	10.1"
Brightness	700(typ.)
Resolution	1920x1200 WUXGA
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 Bay Trail-M Quad-Core 1.8 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	1 x Built-in Mic, 2 x 1W Speaker

Wireless Communication

WLAN	802.11 a/b/g/n
Bluetooth	Bluetooth 4.0 Dual Mode (Classic + Low Energy) 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• 1 x Micro SD Slot
Downside I/O Connectors	1 x Docking Connector
External I/O	1 x Extension Port (Optional)

In front Control

Control Button	1 x Power, 1 x Home (Win-set application), 2 x Programmable Function Key (One for Barcode trigger key when with Barcode), 2 x Adjusting key for Volume or Brightness
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)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)
IP Proof	IP65
Operating Humidity	10% to 90% RH, non-condensing
Certifications	CE, FCC, IC, UL 60950, EN60601**
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
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	Ubuntu 16.04
Camera	5MP Auto-Focus Camera at rear / 2MP Camera at front side

Security

Security	Password security for user and hard disk lock Kensington lock slot Trusted platform module (TPM) V1.2
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- *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.