

## M800BW Specifications

### Display Specifications

Brightness	550 nits (With Optical Bonding)
Resolution	1280 x 800
Contrast Ratio	800:1
Touch	Multi-Touch Projective Capacitive with Glove/ Rain/ Stylus modes (Supports active stylus)
Viewing Angle	85/85/85/85

### System Specification

Processor	Intel® Braswell® platform (N3160 1.6 GHz CPU, up to 2.24 GHz)
Memory	4GB SODIMM DDR3L-1600 (up to 8GB)
Storage	64GB M.2 MLC SSD (up to 512GB)

### Wireless Communication

WLAN	Intel® 802.11 a/b/g/n/ac + Bluetooth 4.0 Dual Mode Combo module
Bluetooth	Intel® 802.11 a/b/g/n/ac + Bluetooth 4.0 Dual Mode Combo module
WWAN	<ul style="list-style-type: none"><li>• Optional 4G (LTE, HSPA+, GSM/GPRS/EDGE, EV-DO Rev A, 1 x RTT)</li><li>• Optional 3G (HSPA+, GSM / GPRS / EDGE)</li></ul>
GPS	u-Blox NEO-M8N (Optional Glonass)

### I/O Connectors

Audio	2 x Built-in Digital Mic, 1 x Speaker
External I/O	<ul style="list-style-type: none"><li>• 2 x USB 3.0</li><li>• 1 x Micro HDMI</li><li>• Service Window for WWAN Module</li><li>• Micro SD, Micro SIM: Located in the battery compartment</li><li>• 1 x M12 Connector - USB signal &amp; power (Optional)</li></ul>

### In front Control

Control Button	1 x Power, 2 x Programmable Function Keys
LED indicator	4 x LED indicators (Power, Battery status, SSD status, RF status)

### Mechanical and Environment

Dimensions (W x L x H)	228.8 x 165.8 x 34 mm
Net Weight (kg)	1.1 Kg
Operating Temperature	-20°C to 60°C (AC mode), -10°C to 50°C (Battery mode)
Storage Temperature	-30°C to 60°C
IP Proof	IP65
Operating Humidity	10% to 95% RH, non-condensing
Certifications	CE, FCC
Vibration	MIL-STD-810G Method 514.6 Procedure I
Housing	Plastic housing with fanless design

### Power Management

Power Input	12V DC or 19V DC
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Battery	7.6V typ. 5200mAh Li-ion Battery (2S2P)
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Battery Mark Ver. 4.0.1 Result	7 hours
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Charging time	2.5 hours
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#### Product Specification

OS	Windows 10 IoT Enterprise
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Smart Card Reader	Optional
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Barcode	Optional
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Fingerprint Reader	Optional
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- \*The weight information is for reference purpose. The actual weight will vary according to the options you choose, for example, the touch/glass option.
- \*Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
  - \*\* Please contact our sales representative if you need further product information.
  - \*\*\* All Specifications are subject to change without prior notice.