

8" Rugged Tablet PC

M800BW

Product Features:

- Intel Braswell platform (N3160 1.6 GHz CPU, up to 2.24 GHz)
- Multi-Touch Projective Capacitive, with optical bonding
- Fan-Less & Robust Design
- Default with 4GB RAM/ 64GB SSD / GPS, WLAN, Bluetooth (built-in antenna)
- Optional for
 - LTE Module
 - 1D/ 2D Barcode Reader, Fingerprint Scanner, RFID Reader, Smart Card Reader
 - VESA Mount Plate
 - Vehicle Cradle



Product Specifications:

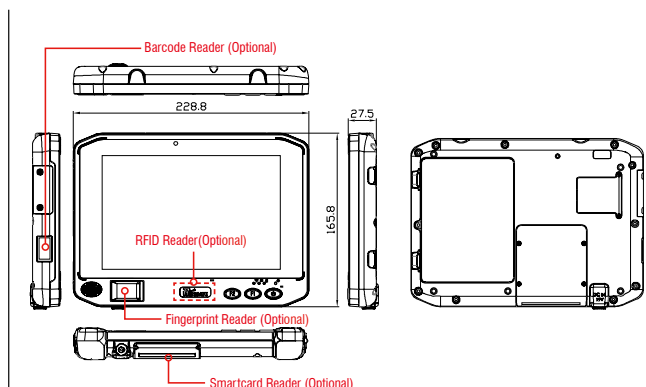
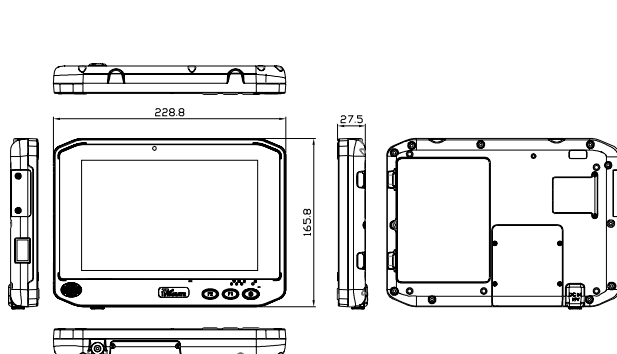
System Specification	Processor	Intel® Celeron Processor N3160 1.6GHZ CPU, up to 2.24 GHz (Optional for Intel® Pentium® Processor N3710 1.6 GHz CPU, up to 2.56 GHz)
	System Memory	4GB SODIMM DDR3L-1600 (up to 8 GB)
	Storage	1 x 64GB M.2 MLC SSD (up to 512 GB)
	Operating System	Windows 10 IoT Enterprise
Display Specification	Size / Technology	8.0-inch
	Resolution	1280 x 800
	Brightness	570 nits (With Optical Bonding)
	Touch	Multi-touch Projected Capacitive with Glove / Rain / Normal Modes (Support Active Stylus)
	Contrast Ratio	800:1
Wireless Communication	Viewing Angle	85/85/85/85
	WLAN+Bluetooth	Intel® 802.11 a/b/g/n/ac + Bluetooth 4.0 Dual Mode Combo module
	GPS	u-Blox NEO-M8N (Optional for Glonass)
System I/O Buttons Indicators Sensors Security	Audio	2 x Built-in Digital Mic, 1 x Speaker
	Default I/O	2 x USB 3.0, 1 x Micro HDMI
	Service window	For WWAN Module Micro SD, Micro SIM: Located in battery compartment
	Buttons	1 x Power, 2 x Programmable Function Keys
	LED Indicators	4 x LED indicators (Power, Battery status, SSD status, RF status)
Camera	Sensors	Light sensor / G sensor / Gyro / E-compass
	Front	2MP
Mechanical and Environment	Rear	8MP (Autofocus with LED flash)
	Dimension (W x L x H)	228.8 x 165.8 x 34 mm
	Housing	Plastic housing with fanless design
	Weight	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
	Humidity	10% to 95% RH, non-condensing
	IP Proof	IP65
	Vibration	MIL-STD-810G Method 514.6 Procedure I
	Certifications	CE, FCC
Power Management	Power Input	12 or 19V DC input
	Battery	7.6V typ. 5200mAh Li-ion Battery (2S2P)
	Battery Operating Time	7 Hours*
Optional module	WWAN	LTE: B1/B2/B3/B4/B5/B7/B8/B13/B17/B20 WCDMA/HSDPA/HSUPA/HSPA+: 850 MHz/900 MHz/1700 MHz (AWS)/1900 MHz/2100 MHz GPRS/EDGE
	Data Capture	Fingerprint Scanner, RFID Reader, 1D/ 2D Barcode Reader, Smart Card Reader

* Note: Measured at dimming LCD brightness, RF not connected. Varies depending on the usage conditions, or when an external device is attached.

Dimensions :

Default configuration

Optional configuration

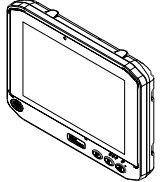
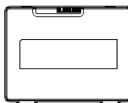

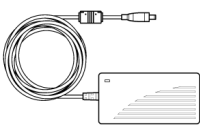
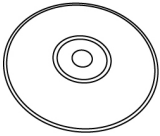


M800BW Accessories

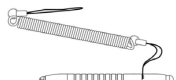
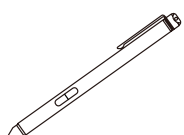
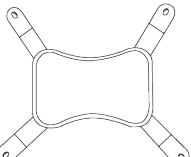
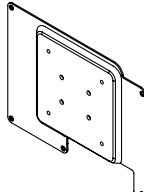
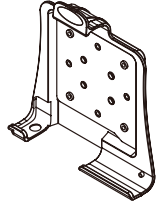
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Package Contents

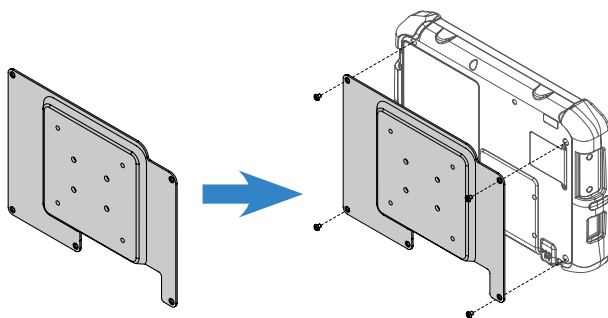
Before using this 8" Rugged Tablet Computer, please make sure that all the items listed below are present in your package:

				
Computer M800BW	Standard Battery	Power Cord and Plugs	Power adapter	Driver CD

Optional Accessories

				
Stylus	Active Stylus	Hand Strap	VESA Plate	Vehicle Cradle
98K000A0008G	98K000A0008F	98K000A0008C	98K000A0008H	98D000A0000L

Optional Mounting Solution



VESA Plate

Ordering Information

M800BW	Standard
M800BW-BM	with 1D/2D Barcode Reader
M800BW-SC	with Smart Card Reader
M800BW-FP	with Fingerprint Scanner
M800BW-BF	with 1D/2D Barcode Reader and Fingerprint Scanner
M800BW-FS	with Fingerprint Scanner and Smart Card Reader
M800BW-FU	with Barcode Reader, Fingerprint Scanner and Smart Card Reader

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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