



## Flexibility in a Portable Windows® Embedded Standard Tablet

Get mobility, screen size, and a full keypad in this rugged tablet that can be vehicle mounted or undocked for hand-held applications.



**Full keypad option**—M8920 offers a QWERTY or AZERTY keypad with dedicated 10-key for efficient data entry.

**Larger screen size in a mobile device**—M8910 offers a full WVGA (800 × 480) touchscreen with six programmable function keys.

**Indoor/outdoor touchscreen**—viewable in a variety of indoor and outdoor lighting conditions.

**Windows® Embedded Standard 2009**—run powerful desktop and enterprise applications on a portable device.

**Designed for safety**—compact form factor allows for a clear line of sight in vehicle-mounted applications.

**Flexible data collection**—pair with an external, long-range scanner or use the quick-release vehicle mount and integrated laser scanner for mobile data collection.

**Environmentally sealed**—IP67 and meets MIL-STD-810F requirements.

**Wireless communication**—GPRS/GSM 3G, WLAN with an 802.11 b/g radio, Bluetooth®, and GPS.

## Accessories



Desktop Dock



Vehicle Dock



2-Slot Battery Charger



Battery Packs

Core System	
Operating System	Windows® Embedded Standard 2009
Processor	AMD® Geode™ LX800 500 MHz
Memory	512 MB DDR SDRAM 4 to 16 GB solid state drive
Display	
Common features	Indoor/outdoor viewable Hardened touchscreen
M8910	7-inch WVGA (800 × 480) 450 nits
M8920	6.2-inch half-SVGA (800 × 300) 350 nits
Keypad & Buttons	
Common Features	Adjustable keypad backlight Programmable trigger on underside
M8910	3-key keypad (enter, navigation, function) 7 programmable keys (touchscreen)
M8920	64-key alpha-numeric QWERTY or AZERTY keypad Dedicated function keys Independent numeric keypad
Communications	
WLAN	802.11 b/g
WWAN	GPRS/GSM 3G
GPS	SiRFstarIII GPS
Bluetooth®	Bluetooth® v2.0 + EDR Class II
Input/Output	
	Power jack 1x RS-232 (5 V on pin 9) 1x USB host
Via dock connector	1x RS-232 1x USB client 1x Ethernet
Barcode Scanning / Data Capture	
Short range barcode	1D laser
DAP Universal Camera	3-MP color camera with flash, auto-focus, zoom and video capture
Expansion Slots	
	SD card slot (supports up to 32 GB)
Multi-I/O interface	USB RS-232
Audio	
	Speaker AC97 3.2 mm stereo headset jack (audio in/out)

Software	
ActiveSync, FTP client/server, IE 6.0, Viewers for Microsoft® Office and PDF files, Inbox, Windows Media Player, Remote Desktop, Terminal Services, Voice Recorder, Backup and Restore, Barcode Scanner Utility	
Power	
Primary internal	Li-ion battery, 7.4 V, 2600 mAh
Secondary battery	Li-ion battery pack, 7.4 V, 2400 mAh (hot-swappable)
Input	10–20 VDC, 2 A
Dimensions	
	9.0 (L) × 7.3 (W) × 2.3 (H) inches [230 × 185 × 60 mm]
M8910	3.03 lb. [1376 g]
M8920	3.12 lb. [1416 g]
Regulatory	
	FCC class B CE RoHS WEEE
Laser safety	Class B 21 CFR 1040.10 IEC/EN 60825-1
Environment	
Operating temperature	-4 to +122 °F [-20 to +50 °C]
Charging temperature	32 to +104 °F [0 to +40 °C]
Storage temperature	-22 to +140 °F [-30 to +60 °C]
Drop	1-meter drop to concrete, 4-meter drop to plywood
ESD	15 kV air discharge, 8 kV direct discharge
Sealing	IP67 certified
Humidity	5%–95%, non-condensing
Vibration	MIL-STD-810F

### Feature Configurations

Configuration Options (select one)	WLAN	Bluetooth	WWAN	GPS
1D laser scanner (short range)	•	•	•	•
DAP Universal Camera	•	•	•	•
Ethernet port (via dock connector)	•	•	•	•



**United States**  
tel +1 (855) 327-8324  
fax +1 (480) 705-4216  
7450 South Priest Drive  
Tempe, AZ 85283, USA

**Canada**  
tel +1 (800) 363-1993  
fax +1 (418) 681-0799  
875, boul. Charest O. Bureau 200  
Québec (QC) Canada G1N 2C9

**Europe, Middle East, Africa**  
tel +44 (0) 1235 462130  
fax +44 (0) 1235 462131  
25 Nuffield Way  
Abingdon, England OX 14 1RL