

# M8050

Compact Handheld



## Durable, real-time business functionality

The M8050 combines a compact form factor with powerful features to efficiently handle data collection and real-time transactions in your business. More durable than a standard commercial PDA device, the M8050 is built to withstand the rigors of everyday enterprise use. Sealed to IP54 specifications and designed to withstand multiple drops to concrete, the M8050 delivers reliable performance and long-term dependability for hospitality, retail, and healthcare data collection applications.

Purpose built for ease of use, high-value functionality, and power manageability, the M8050 is equipped with Windows CE 6.0, a QVGA color graphic display with touch screen, WLAN 802.11b/g radio, a backlit 18-key keypad with trackball, a built-in speaker, and optional Bluetooth® WPAN connectivity. Priced affordably but rich with features, the M8050 delivers all the critical functionality you need to efficiently scan, transfer, and access real-time information in your business operations.



Integrated MSR



Charging Cradle



Optional Holster



4-Position Charger

The M8050 has numerous charging options and a holster available. The compact handheld has many integrated features that make it a perfect fit for a wide variety of applications.



## Applications

- Healthcare
- Retail
- Restaurant
- Event Management
- Line Busting
- In-Flight Solutions
- Educational
- Gaming
- Hospitality
- Health Club
- Car Rental

## General Specs

<b>Dimensions</b>	14.5 cm L x 8.4 cm W x 5.3 cm D; 5.7" L x 3.3" W x 2.1" D
<b>Weight</b>	.85 lbs / 386g
<b>Drop Specs</b>	Multiple 4' (1.2m) drops to concrete across operating temperature range
<b>Display</b>	3.5" QVGA 320 x 240 (Portrait), 65K Colors
<b>Touchscreen</b>	3.5" Integrated resistive type; Two styluses included
<b>Primary Battery</b>	Rechargeable 3.7 VDC Li-Ion, 5200mAh; 19.2 watt-hours
<b>Backup Battery</b>	3.7VDC Li-Polymer, 180mAh
<b>Keypad</b>	18 keys with Trackball, backlit
<b>Integrated Magnetic Stripe Reader</b>	Triple track, Bi-directional reading
<b>Integrated Scanner Options</b>	Laser or 2D Imager
<b>Audio</b>	Built-in PM speaker; Four-ring, 2.5mm audio jack for headset/microphone

## Performance Specs

<b>CPU</b>	Samsung S3C2440 @ 400 MHz
<b>Operating Platform</b>	Windows® Embedded CE 6.0
<b>Memory (RAM/ROM)</b>	128MB RAM; 128MB Flash ROM
<b>Memory Expansion</b>	User accessible micro SD slot
<b>Data Communications</b>	USB Slave (via cradle)

## Environmental Specs

<b>Operating Temp</b>	-10° to 50° C / 14° to 122° F
<b>Storage Temp</b>	-25° to 50° C / -14° to 122° F
<b>Humidity</b>	5% to 95% RH, non-condensing
<b>Electrostatic Discharge (ESD)</b>	8kVdc air discharge; 5kVdc direct discharge
<b>Ingress Protection</b>	IP54 (Protection against dust and water spray)

## Accessories (optional)

**Charging Cradles** Single slot communications/charging cradle;  
4-Position Handheld Computer Charger

**Holster** Waistband Holster



M8050 Charging Cradle



Optional M8050 Holster



4-Position M8050 Charger

## Data Communications Specs

<b>Batch Version</b>	Active Sync / Windows Mobile Device Center
<b>Wireless Version</b>	IEEE 802.11b/g with WPA/WPA2; 802.11x; WEP; Optional WPAN Bluetooth v2.0
<b>TE Client</b>	Stay-Linked (VT220/100/420/52) (IBM 5250/3270)

## Maintenance & Support

<b>Standard Warranty</b>	One year standard warranty agreement
<b>Optional</b>	Extended Warranty Plus (3 years); Extended Warranty (3 years); CARE Plan Extended Warranty (3 years)

## Regulatory Specs

<b>Certifications</b>	FCC Part 15 Class A
<b>Laser Safety</b>	CDRH Class II, IEC Class 2



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