

# M8050



## Compact Handheld Computer



### 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.



M8050 Integrated MSR



M8050 Charging Cradle



Optional M8050 Holster



4-Position M8050 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

## Physical Specs

Dimensions	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
Weight	.85 lbs / 386g
Drop Specs	Multiple 4' (1.2m) drops to concrete across operating temperature range
Display	3.5" QVGA 320 x 240 (Portrait), 65K Colors
Touchscreen	3.5" Integrated resistive type; Two styluses included
Primary Battery	Rechargeable 3.7 VDC Li-Ion, 5200mAh; 19.2 watt-hours
Backup Battery	3.7VDC Li-Polymer, 180mAh
Keypad	18 keys with Trackball, backlit

## Performance Specs

CPU	Samsung S3C2440 @ 400 MHz
Operating Platform	Windows® Embedded CE 6.0
Memory (RAM/ROM)	128MB RAM; 128MB Flash ROM
Memory Expansion	User accessible micro SD slot
Integrated Magnetic Stripe Reader	Triple track, Bi-directional reading
Integrated Scanner Options	Laser or 2D Imager
Data Communications	USB Slave (via cradle)
Audio	Built-in PM speaker; Four-ring, 2.5mm audio jack for headset/microphone

## Environmental Specs

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

## Maintenance & Support

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

## 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

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

## Regulatory Specs

Certifications	FCC Part 15 Class A
Laser Safety	FDA CDRH Class II, IEC, Class 2



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AML Corporate Headquarters Local: **817-571-9015**  
2190 Regal Parkway Fax: **817-571-6176**  
Euless, Texas 76040 Visit us online at: [www.amltd.com](http://www.amltd.com)

Sales & Customer Service  
Tel: **800-648-4452**  
Fax: **817-685-6232**  
Email: [sales@amltd.com](mailto:sales@amltd.com)

Technical Support  
Tel: **877-842-3990**  
Fax: **817-685-6232**  
Email: [support@amltd.com](mailto:support@amltd.com)



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