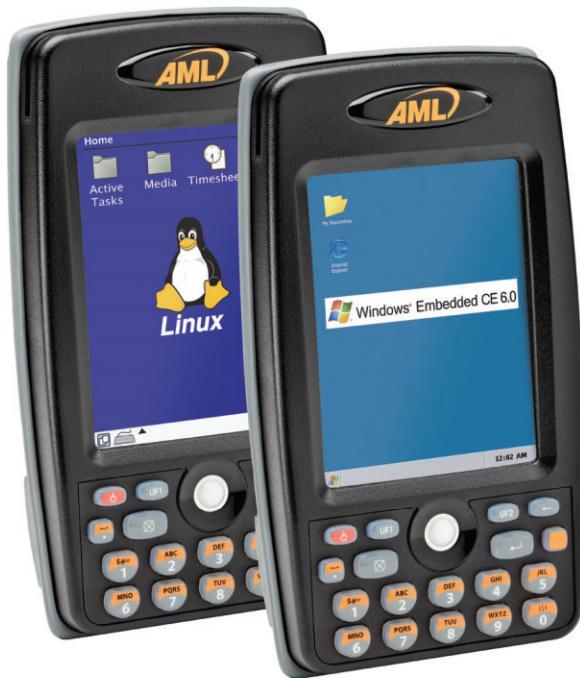


# M8050

## Compact Handheld Computer



M8050 Integrated MSR



M8050 Charging Cradle



Optional M8050 Holster

### 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 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. Its Samsung® S3C2440 processor runs your choice of embedded Linux® or Windows® CE, while generous 128 MB RAM and 128MB Flash ROM provide adequate storage for data and system files. Full-shift productivity is ensured by the M8050's efficient power management capabilities that easily support all-day operation without recharging. 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.

### Physical

**Dimensions:** 5.7" L x 3.3" W x 2.1" D / 14.5 cm L x 8.4 cm W x 5.3 cm 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

**Touch Screen:** 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

**Keyboard:** 18 keys with Trackball, backlit

### Environmental

**Operating Temperature:** 14° to 122° F (-10° to 50° C)

**Storage Temperature:** -14° to 122° F (-25° to 50° C)

**Humidity:** 5% to 95% RH non-condensing

**Electrostatic Discharge (EDS):** 8kVdc air discharge; 5kVdc direct discharge

**Ingress Protection:** IP54 (Protection against dust and water spray)

### Performance

**CPU:** Samsung S3C2440 @ 400 MHz

**Operating Platform:** Windows CE 6.0; Linux 2.6

**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

### 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)

### Optional Accessories:

**Cradle:** Single slot communications/charging cradle; holster

### Regulatory

**EMI/RFI:** FCC Part 15 Class A

**Laser Safety:** FDA CDRH Class II, IEC, Class 2



### Maintenance & Support

Includes one (1) year standard warranty agreement

**Optional:** Extended Warranty (3 years), Extended Warranty Plus (3 years) or CARE Extended Warranty (3 years)

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