

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 (ESD): 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

Stay-Linked™ Ready (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)

Specifications are subject to change without notice. All names and products are the trademarks or registered trademarks of their respective organizations.



2190 Regal Parkway
Euless, TX 76040
www.amltd.com
1-800-648-4452
email: sales@amltd.com