

# MX8

## Mobile Computer

Anyone who has worked a double shift in a busy storefront knows that the toughest conditions aren't always in the warehouse. And in today's business climate, every logistics manager is looking for faster, more efficient ways to move goods down the supply chain. That's why the MX8 is built for a vast array of intensive, fast-paced data collection tasks—from warehouse operations to the retail environment.

The MX8's user-friendly ergonomics include a removable, easy-grip handle with two-finger trigger and molded rubber grip for full shift comfort. Inside, there's a whip-smart Microsoft® Windows® Mobile or Windows® CE operating system connecting with Bluetooth® wireless connectivity and an 802.11 a/b/g radio. The MX8 also ships voice-ready with ToughTalk™ technology, a specialized combination of advanced audio circuitry and noise-canceling features.

The IP54-rated MX8 packs all the features you need into a compact size that lets you take it everywhere.



## Features

- **User-Friendly Ergonomics:** Lightweight design with removable handle improves worker productivity on any supply chain task
- **Customizable Keyboard:** Fully mappable keyboard enhances ease of use
- **Economical, Rugged:** Provides a low total cost of ownership in the light industrial supply chain with an IP54-rated design that can withstand multiple 4' drops to concrete and 500 0.5m tumbles
- **ToughTalk Ready:** Provides ease of use with a specialized combination of Honeywell's trademark rugged system design, advanced audio circuitry and noise-canceling techniques

# MX8 Technical Specifications

## Mechanical/Environmental

|                       |   |
|-----------------------|---|
| Dimensions            | 7.6" x 2.8" x 1.8" (193mm x 71mm x 46mm)  |
| Weight                | 13.3 oz (377g) including radio, battery, & scanner                                  |
| Operating Temperature | 14°F to 122°F (-10°C to 50°C)   |
| Storage Temperature   | -4°F to 158°F (-20°C to 70°C)   |
| Humidity              | 5% to 90%, non-condensing at 104°F (40°C)   |
| Drop                  | Withstands multiple 4' (1.2m) drops to concrete w/ handle                           |
| Tumble                | 500 0.5m tumbles  |
| Environmental Sealing | Independently certified to meet IP54 standards for moisture and particle resistance |
| ESD                   | 8KV Air discharge, 4KV contact discharge  |

## System Architecture

|                     |   |
|---------------------|---|
| Processor           | PXA270 520MHz   |
| Operating System    | Microsoft® Windows® Mobile 6.1 Classic, Microsoft® Windows® CE 5.0 Professional                     |
| Memory              | 128MB SDRAM; 128MB Flash; 128MB, 512MB, or 1GB mini-SD card expansion                               |
| Display             | 2.8" (71mm) QVGA (240x320), 300 NITs  |
| Touch Panel         | Resistive touch screen w/ stylus  |
| Keypad              | Backlit 32-key numeric-alpha and shifted alpha  |
| Audio               | Audio for headset, voice recognition application certified, Speaker w/ adjustable volume control    |
| I/O Ports           | RS-232/USB 2.0 client/audio out/charging connector  |
| Battery             | Li-ion, 3.7V, 3000mAh   |
| Battery Life        | 8 hour full-shift battery life (scanning and sending data over WLAN and Bluetooth every 10 seconds) |
| Imager/Scanner      | Standard Range Area Imager with High Visibility Aimer, Base Laser Engine, Standard Laser Engine     |
| Decode Capabilities | Reads standard 1D and 2D symbologies  |
| Warranty            | 1 year factory warranty   |
| Service Plans       | Optional three-and five-year service programs offer worry-free mobile computing                     |

## Wireless Connectivity

|               |  |
|---------------|--|
| WLAN          | 802.11b/g, 802.11a/b/g radio   |
| WLAN Security | Authentication: Support for a full range of 802.1X (EAP) types, including EAP-TLS, PEAP-MSCHAPv2, PEAP-GTC, LEAP, and EAP-FAST<br>Encryption: Support for Static, pre-shared, and dynamic encryption keys, 40-bit and 128-bit keys, WEP, WPA (TKIP), and WPA2 (AES) Encryption Methods |
| WLAN Antennas | Internal diversity antenna   |
| WPAN          | Bluetooth® 2.0 + EDR, class II   |

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