

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 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

Microsoft, Windows, and the Windows Logo are registered trademarks or trademarks of Microsoft Corporation. The Bluetooth trademarks are owned by Bluetooth SIG, Inc. U.S.A. and licensed to Honeywell International Inc.

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance
For a complete listing of all supported bar code symbologies, please visit www.honeywellaidc.com/symbologies



For more information:
www.honeywellaidc.com

Honeywell Scanning & Mobility

9680 Old Bailes Road
Fort Mill, SC 29707
800.582.4263
www.honeywell.com

