

# HX2

## Wearable Computer

The HX2 is ready for any workflow needed in a high volume quick-picking environment. Voice-direct the HX2, trusting the fidelity of ToughTalk technology that has been proven to improve voice recognition in noisy environments. Capture bar code data using the low-profile ring scanner, designed to swap between right and left-hand usage in a click. Input additional data through an impact-resistant touchscreen or one of two epoxy-coated keypad configurations. Build the multi-modal process that optimizes your efficiency, and have peace of mind knowing that the HX2 can be customized to meet your data capture needs.

The magnesium alloy-housed HX2 and ring scanner are tough, yet optimized for operator comfort. A lightweight, innovative wrist-mount comfortably secures the unit to the operator, preventing slippage or rotation. Or wear on the waist using our hip-flip accessory. Individual wrist and ring-mount pads are removable and washable for hygiene and multi-shift productivity.

Choice without compromise - it's what a multi-modal computer should be.



## Features

- **Ergonomic:** Perfect for hands-free warehouse picking and small parcel move applications when wrist mounted or worn with hip-flip accessory, and combined with a ring scanner and/or headset; provides worker flexibility with improved efficiency and less fatigue
- **Low Profile Ring Scanner:** Reduces interference, improving worker transaction time while lowering total cost of ownership
- **Rugged:** IP54-rated design and the ability to withstand multiple 4' drops to concrete result in lower cost of ownership and reduced down time
- **ToughTalk Ready:** Ensures successful scans and data entry with a specialized combination of Honeywell's trademark rugged system design, advanced audio circuitry and noise-canceling techniques
- **Multi-Modal:** ToughTalk technology, an impact-resistant touchscreen, and a double- or triple-tap keypad allows workers to take advantage of the efficiencies of voice applications while supporting data input on a single device

# HX2 Technical Specifications

## Mechanical/Environmental

<b>Dimensions</b>	HX2: 5.0" x 3.5" x 1.4" (126mm x 89mm x 36mm) Ring Laser Scanner: 1.9" x 1.1" x 1.1" (48 x 28 x 28 mm) Ring Imager: 1.9" x 1.1" x 1.3" (48 x 28 x 33 mm)
<b>Weight</b>	9.3oz (264g) Short Range Laser Ring: 2.3 oz (65g) Ring Imager: 2.5 oz (79g) Standard Battery: 4.0 oz (114g) Extended Battery: 7.2 oz (204g)
<b>Operating Temperature</b>	-4° to +122°F (-20° to +50°C)
<b>Storage Temperature</b>	-4° to + 158°F (-20° to +70°C)
<b>Humidity</b>	5% to 90% relative humidity non-condensing at 104°F (40°C)
<b>Drop</b>	Withstands multiple 4' (1.2m) drops to concrete
<b>Environmental Sealing</b>	Independently certified to meet IP54 standards for moisture and particle resistance
<b>ESD</b>	8KV Air discharge, 4KV contact discharge

## System Architecture

<b>Processor</b>	Intel® XScale® PXA255 400 MHz
<b>Operating System</b>	Microsoft® Windows® CE 5.0 Professional
<b>Memory</b>	128MB SDRAM, 128MB or 512MB Flash
<b>Display</b>	2.5" QVGA (320x240), 350 NITs
<b>Touch Panel</b>	Impact-resistant touchscreen for finger or stylus input (can be deactivated)
<b>Keypad</b>	Backlit 23-key alphanumeric fully mappable backlit, keyboard, Alpha entry through double-tap color-coded legend or triple-tap (cellphone) option
<b>Audio</b>	Built-in microphone, Speaker w/ adjustable volume control capable of > 102dB, Headset port
<b>Battery</b>	Standard - Li-ion, 7.4V, 2000 mAh; Extended - Li-ion, 7.4V, 4000 mAh
<b>Battery Life</b>	Standard/Extended: 10 hours/20 hours (scanning and sending data over WLAN and Bluetooth every 10 seconds)
<b>Imager/Scanner</b>	Standard range laser ring, 2D imager ring w/ enhanced white LED illumination
<b>Decode Capabilities</b>	Reads standard 1D and 2D symbologies
<b>Warranty</b>	1 year factory warranty
<b>Service Plans</b>	Optional three-and five-year service programs offer worry-free mobile computing

## Wireless Connectivity

<b>WLAN</b>	2.4GHz 802.11 b/g, 2.4GHz/5.0GHz 802.11 a/b/g
<b>WLAN Security</b>	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
<b>WPAN</b>	Bluetooth® 2.0 + EDR, class II

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For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance)

For a complete listing of all supported bar code symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies)



**For more information:**

[www.honeywellaidc.com](http://www.honeywellaidc.com)

## Honeywell Scanning & Mobility

9680 Old Bailes Road

Fort Mill, SC 29707

800.582.4263

[www.honeywell.com](http://www.honeywell.com)

# Honeywell

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[www.L-TronDirect.com](http://www.L-TronDirect.com)

800-830-9523

[info@L-Tron.com](mailto:info@L-Tron.com)

596 Fishers Station Dr | Victor, NY | 14564 | Suite 1 A

[www.L-Tron.com](http://www.L-Tron.com)

