

## HX3

### Wearable Computer

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The HX3 rugged voice-directed computer incorporates all of the user-friendly features needed to maximize productivity, accuracy, and worker satisfaction in a fast-paced quick-picking environment. It all starts with our ToughTalk 4-pin connector, specially engineered to minimize crosstalk. A large eyes-free keypad was added to simplify common tasks. These features are packed into an ergonomic lightweight design with a standard battery that's more than ready for a full eight-hour shift.

The HX3 is engineered to go to work in voice-driven applications, as it supports today's best-in-breed voice solutions, but it doesn't stop there. The HX3 also supports wireless and wired bar code scanners, imagers and headsets. And it's all protected by an IP54-rated magnesium alloy bezel, high-impact case that is able to thrive in temperatures as low as -40°F (-40°C).



### Features

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- **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
- **Large Eyes-Free Keypad:** Simplifies the completion of common tasks
- **Rugged:** IP54-rated design and the ability to withstand multiple 4' drops to concrete result in lower cost of ownership and reduced down time
- **Cold Storage Capabilities:** Enables the efficiencies of voice-driven applications in cold storage environments, working in temperatures as low as -40° F

# HX3 Technical Specifications

## Mechanical/Environmental

<b>Dimensions</b>	HX3: 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); when worn under outer garment: -40° to +122°F (-40° 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 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
<b>Operating System</b>	Microsoft® Windows® CE 5.0 Professional
<b>Memory</b>	128MB SDRAM, 128MB or 512MB Flash
<b>Keypad</b>	4 keys, 3 function keys + 1 modifier key allows 3 one-touch keys & 3 two-touch keys
<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: 12 hours/24 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, 2.4GH z/5.0GH z 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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