

HX3

A VOICE-DIRECTED COMPUTER THAT'S BEEN DEVELOPED BY LISTENING.



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. Then we add a large eyes-free keypad to simplify common tasks. We pack it all into a ergonomic lightweight design with a standard battery that's more than ready for a full 8-hour shift.

The HX3 is engineered to go to work in your voice-driven application, as it supports today's best-in-breed voice solutions, but it doesn't stop there. The HX3 also supports wireless and wired barcode scanners, imagers and headsets. And it's all protected by an IP-54 rated magnesium alloy bezel, high-impact case, able to thrive down as low as -40°F (-40°C).

You spoke. We listened. Now, it's time to get to work. Visit lxe.com/hx3 to learn more.



OPTIMIZED FOR VOICE

ToughTalk technology combines LXE industrial design, advanced audio circuitry & noise-canceling techniques

MULTI-MODAL

Flexibility to incorporate scanner, imager, headset, or eyes-free keypad into your multi-modal solution

COMPACT & RUGGED

Less than 5" wide, designed for full-shift operation

 -40°C (when worn under outer garment)

 IP 54

 VOICE READY

HX3

TECHNICAL SPECIFICATIONS



PLATFORM

Processing & Memory

- Intel® XScale® PXA255 400 MHz
- 128MB SDRAM
- 128MB or 512MB Flash

System

- Windows® CE 5.0 Professional Plus
- Non-volatile storage of resident drivers, applications & settings
- **Eyes-Free Keypad**
- 4 large keys w/ hard caps for long life & abrasion protection
- 3 function keys + 1 modifier key allows 3 one-touch keys & 3 two-touch keys
- Unique key shapes for easy eyes-free navigation
- Keypad mapping support

Power Supply

- 2000 mAh (~12hr standard battery during typical use)
- 4000 mAh (~24hr extended battery during typical use)
- Batteries are tethered remotely to enhance flexibility & comfort
- Backup battery w/ automatic charging for main battery hot swap
- Active power management (configurable)

Enclosure

- Magnesium alloy bezel w/ high-impact plastic case
- Dimensions: 5.0"x3.5"x1.4" (126mm x 89mm x 36mm)
- Weight:
 - Computer 9.3oz (264g)
 - SR laser ring - 1.5oz (42g)
 - Standard battery - 4.6oz(130g)

CONNECTIVITY

Optional Software

- Barcode wedge, RF, audio mixer, power management & diagnostic utilities
- Support VoIP (PTT) & voice recognition software

Interfaces

- Ring scanner interface
- USB Host/USB Client, RS-232 through cradle
- Built-in microphone
- Speaker w/ adjustable volume control capable of > 102dB

- Headset port
- Power input

Radio Support

- 2.4GHz 802.11 b/g
- 2.4GHz/5.0GHz 802.11 a/b/g
- Internal diversity antenna
- Bluetooth® 2.0 + EDR w/ class 2 radio
- WPA or WPA2 security
- Cisco® CCXv4 certified

DATA CAPTURE

- SR laser ring 45" (1.14m) scan distance
- 2D imager ring 21" (.53m) scan distance w/ enhanced white LED
- flash illumination
- Cables to attach to hip-flip or voice case or Wireless Bluetooth

ENVIRONMENTAL

- Operating temperature when worn under outer garment: -40° to +122°F (-40° to +50°C)
- Storage temperature: -4° to +158°F (-20° to +70°C)
- Humidity: 5% to 90% RH non-condensing at 104°F (40°C)
- Ingress Protection: IEC 60529 compliant to IP54
- Drop specification 4ft (1.22m) multiple drops to concrete
- Approvals
- Emissions: (EMI) FCC Part 15, Subpart B, Class A; Industry Canada ICES-003 Class A
- EN 55022, Class A (CISPR 22)
- Immunity: (EMC) EN 55024:1998
- Safety: UL 60950, CSA C22.2 No. 60950, EN 60950, IEC 60950
- Laser safety: CDRH:21 CFR 1040.10, EN 60825-1 & IEC 60825-1
- Radio: FCC Part 15C, IC RSS210, 102, 139, and/or 210
- R&TTE Directive: EN 300 328, EN 300 826, EN 60950 FCC Part 15B Class A, IC ICES-003 Class A
- RoHS compliant

CUSTOMIZATIONS

Accessories - Full catalog available for download lxe.com/hx3

- Belt-mounted hip-flip
- Belt-mounted voice case
- Alternative battery mounting option
- 6-bay battery charger w/ analyzer
- Desktop cradle powers HX3, 2 battery charging slots, USB host, USB client & RS-232
- ActiveSync cable
- Headset adapter cable
- Replacement battery cable
- Battery extension cable
- USB host cradle cable
- USB client cradle cable
- RS-232 cradle cable

Developers - Free SDK available at lxe.com/developer



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