MEMOR™ X3 HEALTHCARE

DATALOGIC
EMPOWER YOUR VISION

RUGGED ERGONOMICS

Small, slim and light, the Memor™ X3 HC mobile computer for healthcare provides excellent ergonomics for single-handed use. Its rugged, sealed construction survives unintentional drops and exposure to water and dust. The Memor X3 HC mobile computer is resistant to the major chemical cleaners used in the healthcare ecosystem and is available in a clean white color.

THE DEVICE

The Memor X3 HC mobile computer is equipped with an advanced 2D imager and features Datalogic's patented 'Green Spot' technology for good-read feedback. It also features a sharp 2.4 inch display and long-lasting batteries in a form factor and weight that makes this device a true portable assistant for any healthcare application.

COMMUNICATE

The Memor X3 HC mobile computer offers enhanced Wi-Fi connectivity with IEEE 802.11 a/b/g/n, supporting higher WLAN throughputs with improved reliability in both 2.4 GHz and 5.2 GHz bands and Bluetooth® wireless technology.

READY TO USE

Equipped with a power supply and a full set of software tools (including Wavelink® Avalanche™) the Memor X3 HC mobile computer is ready to use, right out of the box!

ACCESSORIES

The Memor X3 HC is fully compatible with all Memor X3 mobile computer accessories.

FEATURES

- Ergonomic, compact and robust
- Microsoft Windows CE 6.0 Pro
- Chemical resistant plastics/enclosure designed to withstand daily cleaning with harsh disinfectant solutions
- Laird/Summit embedded IEEE 802.11 a/b/g/n radio with CCX V4 connectivity and security
- Bluetooth wireless technology 2.1 with EDR
- Datalogic's patented 'Green Spot' technology for visual good-read confirmation
- 2D area imaging technology
- 256 MB RAM; 512 MB Flash memory
- XScale™ PXA 310 @ 806 MHz processor
- User-accessible micro SD memory slot
- Ruggedized with 1.2 m / 4.0 ft drop to concrete resistance and IP54 sealing protection
- Wavelink Avalanche for device management is pre-installed and pre-licensed
- EASEOFCARE Service Plans offer a wide range of service options to protect your investment, ensuring maximum productivity and ROI

INDUSTRY – APPLICATION

- Patient Bedside Care:
  - Electronic Medical Records (EMR)
  - Bedside Medication Administration
  - Specimen Collection
- Laboratory:
  - Specimen Tracking
  - Diagnosis and Tests
  - Blood Bag Traceability
  - Transfusion Tracking
  - Breast Milk Tracking
- Pharmacy:
  - Medication Dispensing Process
  - Replenishment and Inventory Management
- Admittance, Accounting and Billing:
  - In-patient
  - Out-patient
  - Emergency

MEMOR™ X3 HEALTHCARE

TECHNICAL SPECIFICATIONS

WIRELESS COMMUNICATIONS

Local Area Network (WLAN)	Laird/Summit IEEE 802.11 a/b/g/n Frequency range: Country dependent, typically 2.4 and 5.2 GHz; CCX v4 Security
Personal Area Network (WPAN)	Bluetooth Wireless Technology 2.1 with EDR, Class 2

DECODING CAPABILITY

1D / Linear Codes	Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code, Data Matrix, Intelligent Mail, Maxicode, QR Code, Micro QR Code, UPU FICS, USPS 4C
Postal Codes	Australian Post, Japanese Post, KIX Post; Planet Code, Postnet, Royal Mail Code (RM4SCC)
Stacked Codes	MicroPDF417, PDF417

ELECTRICAL

Battery	Removable battery pack with rechargeable Lithium-ion battery; 3.7 V 2300 mAh (5.29 / 8.51 Watt hours)

ENVIRONMENTAL

Chemical Resistance	Isopropyl Alcohol, Hydrogen Peroxide, Mild dish soap, Clorox® Bleach
Drop Resistance	Withstands drops from 1.2 m / 4.0 ft onto concrete
Particulate and Water Sealing	IP54
Temperature	Operating: –10 to 50 ºC / 14 to 122 ºF Storage/Transport: -20 to 70 ºC / -4 to 158 ºF

INTERFACES

Interfaces	Serial: Integrated RS-232 up to 115.2 Kbps USB: Integrated mini USB connector, Host 1.1 and Client 2.0

PHYSICAL CHARACTERISTICS

Dimensions	15.6 x 5.7 x 4.0 cm / 6.1 x 2.2 x 1.6 in
Display	Reflective TFT daylight readable color display QVGA, 240 x 320 pixels, 2.4 inch diagonal, 64 K colors, backlight, touch screen
Keypad	25 keys, backlit keyboard, 2 programmable lateral keys
Weight	250.0 g / 8.8 oz including battery

READING PERFORMANCE

2D Area Imager	Depth of Field: 4.3 to 35.0 cm / 1.7 to 13.8 in depending on bar code density
Minimum Resolution	Linear codes at 4 mils; 2D codes at 5 mils
Scan Rate	60 frames/sec maximum
Reading Indicators	Good-Read Feedback: Datalogic's patented 'Green Spot' technology

SAFETY & REGULATORY

Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use.
Environmental Compliance	Complies to EU RoHS
Laser Classification	VLD - Class 2 IEC/EN60825-1; Compliant with 21 CFR 1040.10 except for deviations pursuant to laser notice No. 50 dated June 24, 2007.
LED Classification	Exempt Risk Group IEC/EN62471

SOFTWARE

Applications	Datalogic's Pal Application Library pre-licensed
Configuration and Maintenance	Wavelink Avalanche™ pre-licensed, Avalanche Remote Control, Avalanche SecurePlus, Datalogic Firmware Utility (DFU); Datalogic Desktop Utility (DDU); Datalogic Configuration Utility (DCU)
Development	Datalogic SDK (C/C++, .NET, JAVA), Wavelink Studio®, DL Mobility Developer Assistant, MCL-Collection, Java Virtual Machine
Web Browser	SureFox Locked Web Browser
Security	Avalanche SecurePlus, Wavelink Certificate Manager
Terminal Emulation	Wavelink Terminal Emulation

SYSTEM

Audio	Speaker, integrated microphone, vibrator
Expansion Slots	Micro SD card slot compatible with SDHC cards, user-accessible
Memory	System Flash: 512 MB (including backup directory for user data and programs permanent storage) System RAM: 256 MB
Microprocessor	XScale™ PXA310 @ 806 MHz
Operating System	Microsoft Windows CE 6.0 Pro with Microsoft WordPad and Internet Explorer 6.0
Real-Time Clock	Time and date stamping under software control

WARRANTY

Warranty	1-Year Factory Warranty

ACCESSORIES

Docks/Battery Chargers

94A150094 Single Slot Cradle with Spare Battery Charging

Miscellaneous

94ACC0150 Lanyard, Memor X3 HC, kit (10 pcs); White