# Encore™ Series

**Mobile Printers For Business on The Go**

**Lightweight thermal printers keep your business moving.**

Mobile printing solutions are emerging as the standard for conducting business in more and more applications every day. Encore mobile label printers stand out in their class, printing at up to three inches/second. They combine quality and versatility into full-featured, lightweight two-, three-, and four-inch mobile thermal printers designed to meet your on-site, on-demand mobile printing requirements.

**Wireless Connectivity**

Now available with Bluetooth, wireless LAN, and I/R configurations, integrating wireless mobile printing has never been easier.

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The Encore Series of mobile printers is ideal for a variety of vertical markets and applications, including:

- Manufacturing and Distribution
    - Bin labeling
    - Shipping/Receiving
    - Work-in-process tagging
    - Forklift mounting

- Retail
    - Shelf labeling
    - Price marking
    - Item markdowns

- Healthcare
    - Laboratory labeling
    - Prescription bottle labeling

**Zebra**

Connect with it. Count on it.™

### Leading Edge Connectivity

- All Encore printers support a wide variety of communications options, including connections via serial cable or wireless via Bluetooth or IrDA.

- Integrated 802.11 Long Range Radio for wireless LAN connectivity (Encore 3N)

### Lightweight and Mobile

- Printers weigh as little as 1.3 pounds

### Rugged Design

- High-impact Lexan® plastic housing

- Withstand multiple drops on concrete at four feet without environmental case (Encore 3)

### Point-of-Application Flexibility

- E-commerce distribution centers mount mobile printers to forklifts so products are labeled correctly, then shipped and delivered in record time.

- Leading retailers use Bluetooth-enabled or network-addressable mobile printers to label in-store transfers and react to price changes in real-time. Customer requests are handled quickly and accurately.

## Encore™ 2

Weighing less than 1.5 pounds, the Encore 2 is the smallest full-function label printer in the industry. Its clamshell design makes media loading a snap, and this handy little printer is capable of printing on label or tag stock up to seven mil. thick and two inches wide. It's ideal for retail/merchandise price marking or reticketing and event venue admission ticketing.

**MAXIMUM PRINT AREA**
Width: 1.9″/48.3mm
Length (with standard memory):
  12″/305mm

**RESOLUTION**
203dpi/8dots per mm

**MAXIMUM PRINT SPEED**
3″/76.2mm per second

**MEMORY**
256K SRAM; 1MB Flash

**PHYSICAL CHARACTERISTICS**
Width: 4″/101.6mm
Depth: 3.15″/80mm
Height: 5″/127.6mm
Weight (with battery): 1.32lbs./.6kg

**MEDIA SPECIFICATIONS**
Label and liner width:
  1″/25.4mm to 2.12″/53.8mm

## Encore™ 3

The rugged design of the Encore 3 promotes mobile printing to the extreme. Weighing only two pounds, it can withstand multiple drops of up to eight feet (with optional environmental case) without compromising print quality. It's ideal for retail price marking and shelf labeling, bin labeling, product ID labeling, field service/call tracking, and spare parts labeling.

**MAXIMUM PRINT AREA**
Width: 2.9″/73.7mm
Length (with standard memory):
  8″/203mm

**RESOLUTION**
203dpi/8dots per mm

**MAXIMUM PRINT SPEED**
3″/76.2mm per second

**MEMORY**
256K SRAM; 1MB Flash

**PHYSICAL CHARACTERISTICS**
Width: 5″/127mm
Depth: 4″/101.6mm
Height: 5.6″/142.2mm
Weight (with battery): 2lbs./.9kg

**MEDIA SPECIFICATIONS**
Label and liner width:
  1.5″/38.1mm to 3.12″/79.2mm

# Encore™ Series

## Encore™ 3N

The Encore 3N with wireless LAN connectivity is the smallest network-addressable label printer in the industry, and weighs under three pounds. This printer is ideal for retail price marking, shelf labeling, hospital laboratory and prescription labeling, bin labeling, and product ID labeling.

**MAXIMUM PRINT AREA**
Width: 2.9″/73.7mm
Length (with standard memory):
 8″/203mm

**RESOLUTION**
203dpi/8dots per mm

**MAXIMUM PRINT SPEED**
3″/76.2mm per second

**MEMORY**
256K SRAM; 1MB Flash

**PHYSICAL CHARACTERISTICS**
Width: 5″/127mm
Depth: 4″/101.6mm
Height: 6.8″/172.7mm
Weight (with battery):
 2.75lbs./1.25kg

**MEDIA SPECIFICATIONS**
Label and liner width:
 1.5″/38.1mm to 3.12″/79.2mm

## Encore™ 4/4SE

The rugged, vehicle-mount compatible Encore 4 and 4SE printers feature superior performance, battery technology and printheads, plus a high-grade industrial chassis design. Both printers are ideal for ware-housing applications including product labeling, shipping and receiving, particularly forklift applications.

**MAXIMUM PRINT AREA**
Width: 3.9″/99.1mm
Length for Encore 4:
 44″/1,117mm (with standard memory):
Length for Encore 4SE:
 8″/203.2mm (with standard memory):

**RESOLUTION**
203dpi/8dots per mm

**MAXIMUM PRINT SPEED**
3″/76.2mm per second

**MEMORY**
Encore 4: 1MB SRAM; 1MB Flash
Encore 4SE: 256K SRAM; 256K Flash

**PHYSICAL CHARACTERISTICS**
Width: 6.1″/154.9mm
Depth: 4″/101.6mm
Height: 5.5″/139.7mm
Weight (with battery): 3.2lbs. /1.45kg

**MEDIA SPECIFICATIONS**
Label and liner width:
 2″/50.8mm to  4.25″/108mm

## Encore™ 4 Vehicle Mount

**The Encore 2 is ideal for in-aisle shelf labeling in retail applications.**

**For More Information**
Contact your Zebra representative for additional printer specifications. To learn more about innovative mobile printers, call +1 800.423.0442, or visit our Web site **www.zebra.com.**

**Encore mobile printers provide powerful thermal printing anytime, anywhere.**

# Encore™ Series

## Specifications at a Glance*

### ▶ STANDARD FEATURES

Print method: Direct thermal

High-impact Lexan® plastic housing

Smart battery management (monitors battery for longer life and performance)

256K SRAM (1MB SRAM Encore 4)

1MB Flash memory (256K Flash Encore 4SE)

Downloadable scalable fonts

Black bar and gap sensor

"Clamshell" design for easy media loading

Auto-temperature compensation and print contrast control

External power on/off control from keypad, terminal or printer

### ▶ OPERATING CHARACTERISTICS

**Environment**
Operating Temp. 5°F/-15°C to 122°F/50°C
Storage Environ. -13°F/-25°C to 158°F/70°C
Operating Humidity 10-90% non-condensing
Storage Humidity 10-90% non-condensing

**Electrical**
7.2V battery
Encore 2: 1.6 Ah
Encore 3: 1.6 Ah
Encore 4: 2.2 Ah

### Communication Interface Capabilities

RS-232 8 PIN DIN connector serial port; configurable baud rate 300-115.2KB, parity, data bits; software (ON/OFF) or hardware (RTS/CTS) communication handshake protocols; error detection CRC protocol

IrDA (optional)

Bluetooth (optional)

**Agency Approvals**
FCC (Part 15 Subpart B/Class A); FCC Class B (Encore 3N);
CE compliance

### ▶ MEDIA CHARACTERISTICS

**Labels/Receipts**
Max. Roll Size
Encore 2: 2"/50.8mm
Encore 3: 2.6"/66mm
Encore 4: 2.5"/63.5mm

Thickness
.0025"/.064mm to .007"/178mm

Media Types

Receipt, label, linerless, and tag stock

For optimum print quality and printer performance, use Genuine Zebra supplies.

### ▶ FONTS/GRAPHICS/SYMBOLOGIES

**Character Fonts/Sets**
Standard Fonts: 25 bitmapped, downloadable smooth scalable

Sets: IBM® Code Page 850 International character set

### Graphic Features

Supports user-defined fonts and graphics— including custom logos

PCX files

**Bar Code Symbologies**
Code 39, Code 93, Code 128 , NW-7, Codabar, Interleaved 2 of 5, UPC-A, UPC-E, EAN-8, EAN-18, MSI/Plessey, Postnet, UCC/EAN-128

2-Dimensional: PDF-417, Maxi Code

### ▶ OPTIONS AND ACCESSORIES

Bluetooth communication

802.11 wireless LAN communication (Encore 3N)

Wireless I/R communication

Environmental case for increased printer protection

Shoulder strap or belt clip

Mobile mount for forklift and vehicle applications (Encore 4)

Linerless

Label present sensor

Battery chargers

Flash font package (includes international fonts)

Cables