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 are the most powerful in their class, printing at (up to) three inches/second. They combine quality and versatility into full-featured, lightweight two-, three-, and four-inch portable thermal printers designed to meet your on-site, on-demand mobile printing requirements.

Wireless Connectivity

Now available with I/R, short range RF and wireless LAN configurations, integrating wireless mobile printing has never been easier.
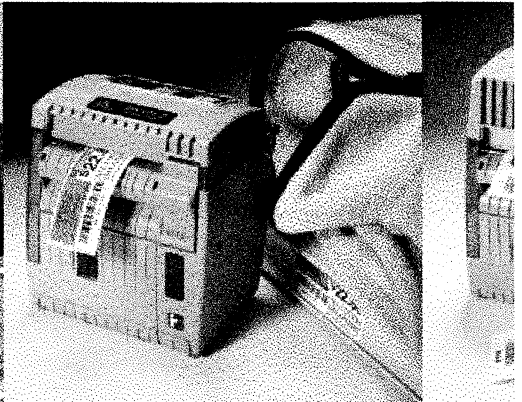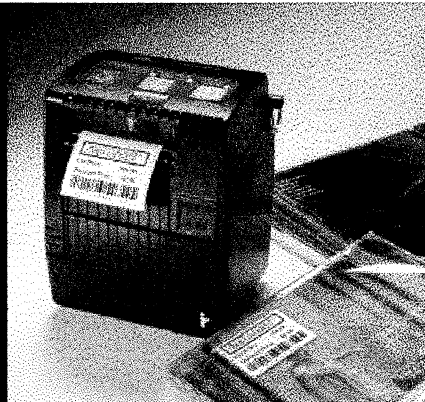
Zebra

"When it's on the line."

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
- High-performance 32-bit RISC processor
- 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
- Encore 2: 1.6 Ah
- Encore 3: 1.6 Ah
- Encore 4: 2.2 Ah
- 120/230V VAC/47-63Hz battery charger brick
- Shock-mounted internal components

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)
- Point-to-point short range RF 916MHz, 433MHz or 2.4GHz (optional)

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

Media Characteristics

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

Thickness (receipt)
- .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

- Wireless short range RF communication
- Wireless long range RF 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)

Encore mobile printers provide powerful thermal printing anytime, anywhere.

For more information
Contact your Zebra representative for additional printer specifications, to learn more about innovative mobile printers call +1 800 546 7266, or visit our Website

www.zebra.com

Zebra Bar Code Products
International Headquarters
333 Corporate Woods Parkway
Vernon Hills, IL 60061-3109 U.S.A.
Phone: +1 847.634.6700 or +1 800.423.0422
Fax: +1 847.913.8766
www.zebra.com

Other Locations
United States: California, Florida, Rhode Island, Wisconsin
Europe: France, Germany, United Kingdom
Asia: Hong Kong, Japan, Seoul, Singapore

Meet the Encore Family

Leading Edge Connectivity

- All Encore printers support a wide variety of communications options, including connections via serial cable or wireless via IrDA or SRRF, available in 433MHz, 916MHz, and 2.4GHz frequencies.
- Integrated 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 short range RF 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.

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

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
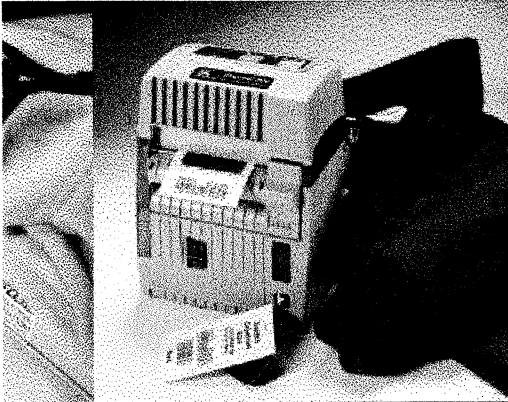
Maximum Print Speed
3"/76.2mm per second

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

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/8 dots 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

The rugged, vehicle-mount compatible Encore 4 and 4SE printers feature high-performance 32-bit processors, battery technology and printheads, plus a high-grade industrial chassis design. Both printers are ideal for warehousing 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/8 dots 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

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