

# 2684 Wide-label Printer

Thermal, On-demand Bar Code Printer

## The metal, wide-label printer that fits your industrial applications and your budget.

On the manufacturing line or the loading dock, Zebra's 2684 steel-enclosed printer delivers sharp, reliable labels, on demand or in batches. Offering direct thermal and thermal transfer wide-label printing up to 8.5 inches, the 2684 is flexible enough to label large pallets and drums in a warehouse or be used for distributed printing throughout a manufacturing facility.

## Zebra-built

The 2684 is backed by Zebra's renowned quality and attention to detail. For light to moderate volume printing, you won't find a better wide-label metal printer!



Connect with it. Count on it.™



## 2684

### Flexible Features

- Sturdy, steel enclosure
- 512KB Flash; 512KB SRAM
- 203dpi print resolution
- Media supply window
- Adjustable, see-through and center-justified black mark sensor for die-cut labels and tags
- Automatic label sensor adjustment
- Batch or on-demand printing
- Prints a full-size sheet of letterhead in less than three seconds, regardless of coverage!

### Variety of Options

- Real-time clock
- Up to 1MB Flash; 1MB SRAM
- Keyboard display unit (KDU) for stand-alone printing
- Cutter
- Dispenser

### For more information

Contact your Zebra representative for additional printer specifications. For information on Zebra's desktop and mobile printers, supplies, software, and accessories, ask your reseller, call +1 800.423.0442 or visit our Web site.

[www.zebra.com](http://www.zebra.com)



### Zebra Bar Code Products

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### Other Locations

*United States:* California, Florida, Rhode Island, Wisconsin

*Europe:* France, Germany, Italy, United Kingdom

*Asia-Pacific:* Australia, China, Japan, Singapore, South Korea



FM-32328  
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## Specifications at a Glance\*

### Standard Features

- Print methods: Direct thermal and thermal transfer
- Construction: Steel enclosure
- Media supply window
- Adjustable, see-through and center-justified black mark sensor for die-cut labels and tags
- Automatic label sensor adjustment
- Internal label roll holder
- Rear-feed slot for fan-fold or roll label stock
- Easy-to-load label and ribbon path
- Batch or on-demand printing
- Label back feed for maximum label usage printing
- Diagnostics and configuration print-out and ASCII dump
- Double buffering for faster throughput

### Programming

- ASCII EPL2 programming language (Page Mode)
- Text and bar codes printed in 0°, 90°, 180°, 270°
- Variable field support (up to 100)
- Counter support (up to 10)
- Variable field addition and subtraction
- Status reporting
- Form storage

### Operating Characteristics

#### Environment

- Operating Temp. 40°F/5°C to 104°F/40°C
- Storage/Transport Environ. -40°F/-40°C to 140°F/60°C
- Operating Humidity 10-80% RH non-condensing
- Storage Humidity 10-90% RH non-condensing
- Ventilation Free air

#### Electrical

- Input: 115VAC;60Hz or 230VAC;50Hz

### Media Characteristics

#### Labels/Receipts/Tags

- Max. Roll Size
- 5"/127mm O.D. on a 1"/25mm I.D. core

#### Thickness (label & liner)

- .003"/.08mm to .01"/.25mm

#### Media Types

- Roll-feed, die-cut, continuous, fanfold; tags; tickets

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

#### Communication Interface Capabilities

- Serial RS232 (DB9)
  - Flow control: Xon/Xoff, hardware handshaking
  - Programmable 7 or 8 bit data lengths, 1 or 2 stop bits, selectable parity, 4,800 to 38,400 baud rates
- Parallel (Centronics)
- LAN/Ethernet (requires optional ZebraNet® PrintServer II)

#### Agency Approvals

- FCC Class A and CE requirements; built to UL, CUL, VCCI, C-tick and TUV requirements

#### Ribbons

- Max. Roll Size
- 2.25"/57mm O.D. on a 1"/25.4mm I.D. core

#### Standard Length

- 6,142"/156m capacity

#### Ribbon Set-up

- Ribbon wound ink side out

Ribbon is recommended to be at least as wide as media.

### Fonts/Graphics/Symbologies

#### Fonts and Character Sets

- Five standard alpha-numeric bitmapped fonts expandable 8x from .049"/1.25mm to .23"/5.84mm high
- Downloadable smooth fonts
- Sets: International character sets standard
- All fonts can be printed in normal or reverse images
- Asian language support (optional)
- Soft font storage in Flash memory

#### Graphic Features

- Line and box drawing
- PCX graphic storage

#### Bar Code Symbologies

- Linear Bar Codes: Extended Code 39, Code 128 (A, B or C user selectable/Auto select), UCC/EAN-128, Code 93, Codabar, Interleaved 2 of 5, UPC-A and UPC-E with 2 and 5 add on, EAN-8 and EAN-13 with 2 and 5 add on, POSTNET, German Post
- 2-Dimensional: PDF-417, Maxi Code (Modes 2, 3, 4, 6)

### Options and Accessories

- ZebraNet PrintServer II (for Ethernet connectivity)
- Expanded memory (up to 1MB Flash; 1MB SRAM)
- KDU
- Real-time clock
- Cutter
- Label dispense mode
- Windows® label design software



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The 2684 is ideal for medium-volume printing applications including:

- Shipping/Receiving
- Chemical drum labeling
- AIAG and ODETTE parts labeling
- Hazardous material labeling
- Retail
- Multiple-up labels
- Invoices and packing lists

### 2684

#### Maximum Print Area

Width: 8.5"/216mm

Lengths:

- 11"/279mm (with standard memory)
- 22"/558mm (with optional memory)

#### Resolution

203dpi/8dots per mm

#### Maximum Print Speed

4"/102mm per second

#### Memory

Standard: 512KB Flash; 512KB SRAM  
Optional: up to 1MB Flash; 1MB SRAM

#### Physical Characteristics

Width: 12.3"/312mm  
Depth: 13.5"/343mm  
Height: 12"/304mm  
Weight: 21lbs./9.5kg

#### Media Specifications

Label and liner width:  
4"/102mm to 8.75"/222.3mm

#### Ribbon width:

4.33"/110mm to 8.72"/222mm

\*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved.