



# LP/TLP 2844 Desktop Printers

Thermal, On-demand Label, Receipt, and Tag Printers

## Leading the way in versatile and affordable desktop printing.

Direct thermal (LP) and thermal transfer (TLP) four-inch 2844 bar code label printers bring new levels of performance to the Zebra desktop family. Along with their sibling—the LP 2824, these space-saving, user-friendly printers deliver optimal performance in today's on-demand desktop labeling applications.

## Superior Printing at a Great Price

Both 2844 printers are equipped with a new generation printhead and enhanced controller board, motor, and power supply, enabling print speeds of up to four inches per second. Add standard parallel, serial, and USB interfaces; flash memory; and double walled casing; and you have flexible, reliable printers that come with impressive features, and a small price tag!



Connect with it. Count on it.™



## LP/TLP 2844

### Efficient, Reliable Printing

- Four inches per second print speed
- Full five-inch media roll capacity
- Flash architecture for storage of fonts, formats and graphics and quick, easy firmware upgrades
- 203dpi print resolution
- Standard black line, gap, and head-up sensors

### Practical Design

- Sturdy, double-walled ABS casing
- OpenACCESS™ construction for fast and easy media loading
- Clear media window enables easy monitoring of media
- Color-coded operator cues

### Versatile and Affordable

- Standard serial, parallel, and USB interfaces for easy integration into local or networked systems
- Easy to use
- Variety of options and accessories for flexible printing
- Cost effective



Zebra Bar Code Products



FM-32328

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## Specifications at a Glance\*

### Standard Features

- Print methods: Direct thermal (LP) or direct thermal/thermal transfer (TLP)
- Construction: ABS double-walled casing
- 512KB Flash memory; 256KB SRAM
- OpenACCESS design
- Serial, parallel, and USB interfaces
- Head-up sensor
- Windows® drivers (95, 98, Me, NT v.4.0, 2000)
- Windows printer utilities

### 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, font and graphics storage
- Line mode support

### 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 10-90% non-condensing
- Storage Humidity 10-90% non-condensing

#### Electrical

- Autoranging external power supply
- Input: 100-240VAC; 50-60Hz
- Output: 20VDC; 2.5A

#### Communication Interface Capabilities

- Serial RS232 (DB9)
- 1.2-38.4K bits/second
- Flow control: hardware and software
- USB
- Parallel (centronics)
- LAN/Ethernet (requires optional ZebraNet® PrintServer II)

#### Agency Approvals

- UL-CUL 1950; FCC (Class B); VCCI (Class B); C-TICK; EN 500082-1; EN 55022 (Class B)/CISPR 24; EN 55024/CISPR 24; EN 60950/IEC 950; EN 61000-3-2, 3-3

### Media Characteristics

#### Labels

- Max. Roll Size
- 5" /127mm O.D. on a 1" /25mm or 1.5" /38mm I.D. core

- Thickness (label & liner)
- .003" / .08mm to .0075" / .18mm

#### Media Types

- Gap, notch, black mark, continuous, fan-fold, tag stock

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

#### Ribbons (TLP 2844 only)

- Max. Roll Size
- 1.3" /33mm O.D. on a .5" /12.7mm I.D. core

#### Standard Length

- 2,900" /74m capacity; provides 1:1 media roll to ribbon ratios

#### 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

- Standard Fonts: 5 bitmapped, expandable 8x
- Sets: International character sets supporting the following code pages:
  - DOS: 437, 737, 850, 851, 855, 857, 860, 861, 862, 863, 865, 866, 869
  - Windows: 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257
- 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: Code 39, Code 128 (A, B or C user selectable/Auto select), UCC/EAN-128, Code 93, Codabar, Interleaved 2 of 5, UPC-A, UPC-E, UPC-A with 2 and 5 add on, Plessey, POSTNET, German Post, Japanese Postnet
- 2-Dimensional: PDF-417, Macro PDF-417, Maxi Code (Modes 2, 3, 4, 6), QR Code (requires Asian printer version), Aztec (optional)

### Options and Accessories

- ZebraNet® PrintServer II (for Ethernet connectivity)
- Expanded memory (up to 1MB Flash; 512KB SRAM)
- Keyboard display unit (KDU)
- Liner-free platen
- Cutter

- Dispenser with label taken sensor
- Real time clock
- External rewind
- Asian language support
- Windows label design software

\*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.



LP 2844

TLP 2844

The LP/TLP 2844 integrate easily into a variety of low-volume printing applications including:

- Shipping/Receiving
- Warehouse shelf labeling and inventory control
- Hospitals and healthcare; medical laboratories
- Retail product marking
- Transportation/Logistics
- E-commerce postage

### LP 2844 Direct Thermal Printer

#### Maximum Print Area

- Width: 4.09" /104mm
- Length in page mode:
  - 11" / 279mm (with standard memory)
  - 22" /558mm (with optional memory)

- Length in line mode: unlimited

#### Resolution

203dpi/8dots per mm

#### Maximum Print Speed

4" /102mm per second

#### Memory

Standard: 512KB Flash; 256KB SRAM  
Optional: up to 1MB Flash; 512KB SRAM

#### Physical Characteristics

Width: 7.9" /200mm  
Depth: 8.38" /213mm  
Height: 6.7" /170mm  
Weight: 3lbs./1.3kg

#### Media Specifications

Label and liner width:  
1" /25.4mm to 4.25" /108mm

### TLP 2844 Direct Thermal/Thermal Transfer Printer

#### Maximum Print Area

- Width: 4.09" /104mm
- Length in page mode:
  - 11" / 279mm (with standard memory)
  - 22" /558mm (with optional memory)

- Length in line mode: Unlimited

#### Resolution

203dpi/8dots per mm

#### Maximum Print Speed

4" /102mm per second

#### Memory

Standard: 512KB Flash; 256KB SRAM  
Optional: up to 1MB Flash; 512KB SRAM

#### Physical Characteristics

Width: 7.9" /200mm  
Depth: 9.75" /248mm  
Height: 6.8" /173mm  
Weight: 3.2lbs./1.4kg

#### Media Specifications

Label and liner width:  
1" /25.4mm to 4.25" /108mm  
Ribbon width:  
1.3" /33mm to 4.3" /110mm