



## LP/TLP 2844™

Desktop 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 siblings, the LP and TLP 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 feature a new-generation printhead and enhanced controller board, motor, and power supply, enabling print speeds of up to four inches per second. OpenACCESS™ design and a clear media window make media loading and monitoring easy, and a full five-inch media roll means fewer label changes. Plus parallel, serial, and USB interfaces—and a ZebraNet® PrintServer II option—make these flexible, reliable and affordable printers a smart investment!

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



Connect with it. Count on it.™

# LP 2844 TLP 2844



LP and TLP 2844 printers are sturdily constructed with a double-walled ABS casing.

## MAXIMUM PRINT AREA (STANDARD MEMORY)

| LP 2844                             | TLP 2844                            |
|-------------------------------------|-------------------------------------|
| Width: 4.09" /104mm                 | Width: 4.09" /104mm                 |
| Length in page mode:<br>11" / 279mm | Length in page mode:<br>11" / 279mm |

## (OPTIONAL MEMORY)

| LP 2844                           | TLP 2844   |
|-----------------------------------|------------|
| 22" /558mm                        | 22" /558mm |
| Length in line mode:<br>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

| LP 2844             | TLP 2844              |
|---------------------|-----------------------|
| Width: 7.9" /200mm  | Width: 7.9" /200mm    |
| Depth: 8.38" /213mm | Depth: 9.75" /248mm   |
| Height: 6.7" /170mm | Height: 6.8" /173mm   |
| Weight: 3lbs./1.3kg | Weight: 3.2lbs./1.4kg |

## MEDIA SPECIFICATIONS

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

## RIBBON WIDTH (TLP 2844)

1.3" /33mm to 4.3" /110mm

## 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 (LP 2844 only)

### 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/SYMBOLOLOGIES

#### 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 Symbolologies

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)

### OPTIONS AND ACCESSORIES

External ZebraNet® PrintServer II (for 10Base T Ethernet connectivity)  
Factory-installed internal ZebraNet PrintServer II  
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.



#### HEADQUARTERS

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**ASIA-PACIFIC:** Australia, China, Japan, Singapore, South Korea **LATIN AMERICA:** Argentina, Brazil  
**MIDDLE EAST:** United Arab Emirates



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Printed in U.S.A.  
#11234LRev. 3 (9/02), 10M