



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: 11" / 279mm | Length in page mode: 11" / 279mm |

(OPTIONAL MEMORY)

| LP 2844 | TLP 2844 |
|-----------------------------------|------------|
| 22" /558mm | 22" /558mm |
| 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

| 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/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)

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

Zebra Technologies International, LLC **PHONE:** +1 847.634.6700 or +1 800.423.0442 **FAX:** +1 847.913.8766
ADDRESS: 333 Corporate Woods Parkway, Vernon Hills, IL 60061-3109 U.S.A. **WEB:** www.zebra.com

OTHER LOCATIONS

USA: California, Florida, Rhode Island, Wisconsin **EUROPE:** Denmark, France, Germany, Italy, United Kingdom
ASIA-PACIFIC: Australia, China, Japan, Singapore, South Korea **LATIN AMERICA:** Argentina, Brazil
MIDDLE EAST: United Arab Emirates



An ISO 9001 registered company
©2002 ZIH Corp.
Printed in U.S.A.
#11234LRev. 3 (9/02), 10M